Permit to Operate

FACILITY: S-40 **EXPIRATION DATE:** 08/31/200

LEGAL OWNER OR OPERATOR: AERA ENERGY LLC
MAILING ADDRESS: P O BOX 11164
BAKERSFIELD, CA 93389-1164

FACILITY LOCATION: SOUTH COLES LEVEE
, CA

FACILITY DESCRIPTION: NATURAL GAS PROCESSING

The Facility to Operate may include Facility-wide Requirements as wel as requirements that apply to specific permit units.

The Permit to Opertae remains valid through the permit expiration date listed above, subject to payment of annual permit fees and compliance with permit conditions and all applicable local, state, and federal regulations. This permit is valid only at the location specified above, and becomes void upon any transfer of ownership or location. Any modification of the equipment or operation, as defined in District Rule 2201, will require prior District approval. This permit shall be posted as prescribed in District Rule 2010.

DAVID L. CROW
Executive Director / APCO

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Diector of Permit Services

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-40-0-1 **EXPIRATION DATE:** 08/31/2003

EQUIPMENT DECRIPTION:

PERMIT UNIT REQUIREMENTS

1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reportingperiod was necessary. [District Rule 1100, 6.1; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)], [Federally Enforceable Through Title V]

2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)], [Federally Enforceable Through Title V]

3. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0], [Federally Enforceable Through Title V]

4. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020. [District Rule 2010, 3.0 and 4.0; 2020; and County Rule 201 (in all eight counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]

5. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.9.1 and 9.13.1], [Federally Enforceable Through Title V]

6. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031], [Federally Enforceable Through Title V]

7. Every application for a permit required under Rule 2010 (Permits Required) shall be filed in a manner and form prescribed by the District. [District Rule 2040], [Federally Enforceable Through Title V]

8. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.5.1], [Federally Enforceable Through Title V]

9. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]

10. The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.6.1], [Federally Enforceable Through Title V]

11. Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520. [District Rules 2520, 9.6.2 and 1100, 7.0], [Federally Enforceable Through Title V]

12. If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit . [District Rule 2520, 9.8], [Federally Enforceable Through Title V]

13. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.9.2], [Federally Enforceable Through Title V]

14. The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.9.3], [Federally Enforceable Through Title V]

15. The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.9.4], [Federally Enforceable Through Title V]

16. The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliancewith the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.9.5], [Federally Enforceable Through Title V]

17. The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.10], [Federally Enforceable Through Title V]

18. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must bekept under condition of the permit. [District Rule 2520, 9.14.2.1], [Federally Enforceable Through Title V]

19. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.14.2.2], [Federally Enforceable Through Title V]

20. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.14.2.3], [Federally Enforceable Through Title V]

21. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.14.2.4], [Federally Enforceable Through Title V]

22. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101, by using EPA method 9. If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, and County Rules 401 (in all eight counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]

23. No person shall supply, sell, solicit or apply any architectural coating, except specialty coatings, that contains more than 250 grams of VOC per liter of coating (less water and exempt compounds, and excluding any colorant added to tint bases), or manufacture, blend, or repackage such coating with more than 250 grams of VOC per liter (less water and exempt compounds, and excluding any colorant added to tint bases) for use within the District. [District Rule 4601, 5.1], [Federally Enforceable Through Title V]

24. No person shall apply, sell, solicit, or offer for sale any specialty architectural coating listed in the Table of Standards (District Rule 4601, Table 1), nor manufacture, blend, or repackage such coating for use within the District, which contains VOCs (less water and exempt compounds, excluding any colorant added to tint bases) in excess of the specified limits listed in Table 1 of Rule 4601. [District Rule 4601, 5.2], [Federally Enforceable Through Title V]

25. All VOC-containing materials shall be stored in closed containers when not in use. In use includes, but is not limited to: being accessed, filled, emptied, maintained or repaired. [District Rule 4601, 5.4], [Federally Enforceable Through Title V]

26. A person shall not use VOCs for the cleanup of spray equipment unless equipment for collection of the cleaning compounds and minimizing its evaporation to the atmosphere is used. [District Rule 4601, 5.5], [Federally Enforceable Through Title V]

27. The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.2. [District Rule 4601, 6.1 and 6.2], [Federally Enforceable Through Title V]

28. With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official [District Rule 2520, 9.14.1and 10.0], [Federally Enforceable Through Title V]

29. If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F], [Federally Enforceable Through Title V]

30. If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B], [Federally Enforceable Through Title V]

31. Disturbances of soil related to any construction, demolition, excavation, extraction, or water mining activities shall comply with the requirements for fugitive dust control in SJVUAPCD District Rule 8020 unless specifically exempted under section 4 of Rule 8020. [District Rule 8020], [Federally Enforceable Through Title V]

32. Outdoor handling and storage of any bulk material which emits dust shall comply with the requirements of SJVUAPCD Rule 8030, unless specifically exempted under section 4 of Rule 8030. [District Rule 8030], [Federally Enforceable Through Title V]

33. Any paved road over 3 miles in length, and any unpaved roads over half a mile in length, constructed after December 10, 1993 shall use the design criteria and dust control measures of, and comply with the administrative requirements of, SJVUAPCD Rule 8060 unless specifically exempted under section 4 of Rule 8060. [District Rule 8060], [Federally Enforceable Through Title V]

34. Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M], [Federally Enforceable Through Title V]

35. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.17], [Federally Enforceable Through Title V]

36. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2], [Federally Enforceable Through Title V]

37. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permit shall apply. [District Rule 2520, 9.1.1], [Federally Enforceable Through Title V]

38. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), Rule 111 (Kern, Tulare, Kings), Rules 201, 202, 203, 204, 208, and 209 (Fresno, Kern, Tulare, Kings, Madera, Stanislaus, Merced, San Joaquin), Rule 410.1 (Kern), and Rule 423 (Kern, Fresno, Stanislaus, San Joaquin). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

39. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92);2070 , section 7.0 (12/17/92); 2080 (12/17/92); 4101 (12/17/92); 4601, sections 5.1, 5.2, 5.4, 5.5, 6.1, and 6.2 (12/17/92); 8020 (4/25/96); 8030 (4/25/96); 8060 (4/25/96); A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

40. The permittee shall submit a Stationary Source Curtailment Plan and/or a Traffic Abatement Plan, pursuant to District Rule 6130 (as amended December 17, 1992) within 45 days to the APCO upon request. [District Rule 6130, 3.1], [Federally Enforceable Through Title V]

41. The permittee shall submit a Risk Management Plan to the appropriate authority by June 21, 1999 and abide by all applicable sections of 40 CFR, Part 68, Chemical Accident Prevention Provisions. [40 CFR 68], [Federally Enforceable Through Title V]

42. No air contaminant shall be released into the atmosphere which causes a public nuisance [District Rule 4102]

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-40-1-4 **EXPIRATION DATE:** 08/31/2003

EQUIPMENT DECRIPTION:
SOUTH COLES LEVEE GAS PLANT, INCLUDING REFRIGERATION UNIT, GLYCOL REGENERATOR, CONDENSATE STABILIZER, DEETHANIZER, COOLING TOWER, AND ASSOCIATED VALVES, FLANGES, AND PRESSURE VESSELS.

PERMIT UNIT REQUIREMENTS

1. The requirements of 40 CFR 60, Subpart LLL, and 40 CFR 61, Subpart J, do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
2. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District Rule 2201], [Federally Enforceable Through Title V]
3. Emissions from glycol regenerator shall be collected and vented to vapor control system. [District NSR Rule], [Federally Enforceable Through Title V]
4. Glycol regenerator vapor control system shall include vapor condenser, fuel gas regulator, and piping to gas plant vapor recovery system. [District NSR Rule], [Federally Enforceable Through Title V]
5. Gas plant may include one permit-exempt, 2.0 MMBtu/hr natural gas fired hot oil heater. [District NSR Rule and District Rule 2020, 5.1.1], [Federally Enforceable Through Title V]
6. No additional permit-exempt boilers or heaters shall be installed for gas plant operation without prior District approval. [District NSR Rule], [Federally Enforceable Through Title V]
7. Heating oil shall be handled in closed system with no vent to the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
8. Dry residual gas shall be piped only to sales gas pipeline or routed to plant fuel system. [District NSR Rule], [Federally Enforceable Through Title V]
9. Flare shall be used for combustion of emergency releases of VOC vapors only, including but not limited to breakdown conditions pursuant to Rule 1100; no continuous disposal of gases shall occur. [District NSR Rule], [Federally Enforceable Through Title V]
10. Heat exchangers utilizing cooling water shall be maintained to prevent detectable VOC emissions from evaporative cooling towers. [District NSR Rule], [Federally Enforceable Through Title V]
11. Total fugitive VOC emissions from gas plant operation shall not exceed 133.0 lb/day. [District NSR Rule], [Federally Enforceable Through Title V]
12. Permittee shall maintain, on annual basis, current count of all gas plant fugitive components to demonstrate continued compliance with the fugitive VOC DEL permit unit limit, using U.S. EPA publication 450/3-83-007, Table 4-1 emission factors. [District NSR Rule], [Federally Enforceable Through Title V]
13. Updated count of all gas plant fugitive components shall be maintained and retained for a period of at least 5 years and made readily available for District inspection upon request. [District NSR Rule and District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
14. Total facility electric motor horsepower rating shall not exceed 1,200 hp. [District NSR Rule], [Federally Enforceable Through Title V]
15. A leak is defined as 1) a reading as methane in excess of 10,000 ppm above background when measured at a distance of one (1) centimeter from the potential source in accordance with EPA Method 21, or 2) liquids dripping so that there is any visible leakage from the seal, including spraying, misting, clouding, and ice formation. [District Rule 4403, 3.3.1 and 40 CFR 60.481(b) and 482-2(b)(1)], [Federally Enforceable Through Title V]
16. An instrument used for leak detection shall be calibrated before use each day of its use by the procedures specified in Method 21 using the following calibration gases: A) zero air (less than 10 ppm of hydrocarbon in air) and B) mixture of methane and air at a concentration of about, but less than 10,000 ppm methane. [District Rule 4403, 3.3.1 and 40 CFR 60.485(b)], [Federally Enforceable Through Title V]
17. Each piece of equipment or component subject to requirements of this permit unit shall be presumed to be in VOC service or in wet gas service and shall be tested for compliance with leak emission limits. [40 CFR 60.485(d) and 60.632(f)], [Federally Enforceable Through Title V]
18. Leak detection shall be performed in accordance with EPA Method 21. [District Rule 4403, 6.3.4], [Federally Enforceable Through Title V]

19. Each hatch shall be closed at all times except during sampling or attended maintenance operations. [District Rule 4403, 5.2.1], [Federally Enforceable Through Title V]

20. All components handling VOCs shall be inspected at least quarterly to detect any leaks, excluding flanges and threaded connections. If less than two (2) percent of any component type associated with this permit unit, except for pressure relief valves, pumps, and compressors, are found to leak during each of five (5) consecutive quarterly inspections, the inspection frequency for that component type may be changed from quarterly to annual. If any annual inspection shows that two (2) percent or more of all of a specific component type are leaking, then quarterly inspections of that component type shall be resumed. Flanges and threaded connections handling VOCs shall be inspected for leaks at least annually. [District Rule 4403, 5.2.3 and 40 CFR 60.483-1(b)(1), 60.483-2(b)(3), 60.483-2(b)(4)], [Federally Enforceable Through Title V]

21. The operator shall notify the APCO if they have elected to comply with the allowable percentage of leaking valves provisions of this permit 90 days before implementing this alternative. [40 CFR 60.483-1(b)(1) and (d), and 60.487(d)], [Federally Enforceable Through Title V]

22. A performance test shall be conducted initially upon designation for allowable percentage of leaking valves, annually, and at other times requested by the APCO. The performance test shall be conducted as follows: 1) all valves in gas/vapor and light liquid service shall be monitored within 1 week using EPA Method 21 and 2) the leak percentage shall be determined by dividing the number of leaking valves detected and valves for which repair has been delayed by the number of valves in gas/vapor and light liquid service in this permit unit, and 3) a record must be kept of the percent of valves found leaking during each leak detection period. [40 CFR 60.483-1(b)(2) and (c) and 60.483-2(b)(5) and (6)], [Federally Enforceable Through Title V]

23. The number of leaks of a component type shall not exceed two (2) percent of the total number of components of that type that were inspected and that are subject to the requirements of this permit. For inspections conducted by District personnel to determine compliance with this requirement, the number of components inspected shall constitute a statistically representative sample for each component type. [District Rule 4403, 5.2.10], [Federally Enforceable Through Title V]

24. When any component leak is detected or identified by a Notice to Repair, it shall be repaired to a leak-free condition and reinspected no later that 15 calendar days after detection. A first attempt at repair shall be made no later than 5 calendar days after leak detection. [District Rules 2520, 9.1 and 4403, 5.3.1, 5.3.2, and 5.2.9; 40 CFR 60.482-2(c)(1) and (c)(2), 60.482-3(g), 60.6 33(b)(3), 60.482-7(d), and 60.482-8(c)], [Federally Enforceable Through Title V]

25. If the leak repair is technologically infeasible without a process unit shutdown and the leaking component is an essential part of a critical process identified in the operator management plan (OMP), delay of repair is allowed. However the operator shall minimize the leak within 15 calendar days. If the leak which has been minimized still exceeds the limit in this permit, the essential component shall be repaired to eliminate the leak during the next process unit turnaround, but in no case later than one year from the date of the original leak detection. Delay of repair is allowed for equipment which is isolated from the process and which does not remain in VOC service. [District Rule 4403, 4.2.1, 5.3.1.1 and 40 CFR 482-2(c)(1) and 482-9(a) and (b)], [Federally Enforceable Through Title V]

26. Equipment that is in vacuum service is exempt from the control and monitoring requirements and work practice standards of this permit unit, provided it is identified as such in the equipment log required by this permit. [District Rule 4403, 4.2.2; 40 CFR 60.482-1(d)], [Federally Enforceable Through Title V]

27. Each pump in light liquid service shall be monitored monthly for leak detection in accordance with EPA Method 21. Each such pump shall be monitored weekly by visual inspection for indication of liquids dripping from the pump seal. [District Rule 4403, 5.2.5 and 40 CFR 482-2(a)(1) and 482-2(b)(2)], [Federally Enforceable Through Title V]

28. Each pump in light liquid service, equipped with a dual mechanical seal system that includes a barrier fluid system, is exempt from the other leak detection monitoring requirements for this permit unit, provided requirements pursuant to 40 CFR 60.482-2(d) are met. The barrier fluid system of such exempt equipment shall be equipped with a sensor system to detect seal system failure, barrier fluid system failure, or both. Each such pump shall be checked weekly for liquid dripping from the seals. Each sensor shall be checked daily or equipped with an audible alarm. Such exempted equipment shall be documented in the OMP. [District Rule 2520, 9.4.2 and 40 CFR 60.482-2(d)], [Federally Enforceable Through Title V]

29. All compressors associated with this permit unit shall be reciprocating compressors in wet gas service only. In wet gas service means that a piece of equipment contains or contacts the field gas before the extraction step in the process. [40 CFR 60.482-3(b), 60.633(f), 60.482-3(a), and 60.632(f)], [Federally Enforceable Through Title V]

30. Each pressure relief device in gas/vapor service shall be monitored quarterly and within 1 day after each pressure release to detect leaks of 10,000 ppm or greater. [District Rule 4403, 5.2.6 and 40 CFR 60.633(b)(1) and (2)], [Federally Enforceable Through Title V]

31. Each open-ended valve or line shall be equipped with a cap, blind flange, plug, or a second valve, so that the open end is sealed at all times, except during operations requiring process fluid flow through the valve or line. [District Rule 4403, 5.2.2 and 40 CFR 60.482-6(a)], [Federally Enforceable Through Title V]

32. Each open-ended valve or line equipped with a second valve shall be operated so that the valve on the process fluid end is closed before the second valve is closed. [40 CFR 60.482-6(b)], [Federally Enforceable Through Title V]

33. When a double block-and-bleed system is being used, the bleed valve or line may remain open only during operations that require venting the line between the block valves. [40 CFR 60.482-6(c)], [Federally Enforceable Through Title V]

34. Each valve in gas/vapor service or light liquid service shall be monitored monthly to detect leaks using EPA Method 21. If an instrument reading of 10,000 ppm or greater is measured, a leak is detected. Any valve for which a leak is not detected for 2 successive months may be monitored the first month of every quarter. If a leak is subsequently detected, monitoring shall revert to monthly. [40 CFR 60.482-7(a), (b), and (c)], [Federally Enforceable Through Title V]

35. For a valve in gas/vapor service or light liquid service, first attempts at repair shall include the following where practicable: 1) tightening of bonnet bolts, 2) replacement of bonnet bolts, 3) tightening of packing gland nuts, and 4) injection of lubricant into lubricant packing. [40 CFR 60.482-7(e) and 60.482-8(d)], [Federally Enforceable Through Title V]

36. Any valve in gas/vapor service or light liquid service that is designated in the equipment log list and OMP as an unsafe-to-monitor valve is exempt from the monthly leak inspection requirements for this permit unit, provided: 1) the owner/operator demonstrates the valve is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence, and 2) a written plan is adhered to that requires monitoring of the valve as frequently as practicable during safe-to-monitor times and at least annually and during shutdown. [District Rule 4403, 5.2.4; 40 CFR 60.482-7(g)], [Federally Enforceable Through Title V]

37. Any valve in gas/vapor service or light liquid service that is designated in the equipment log list and OMP as a difficult-to-monitor (inaccessible) valve is exempt from the monthly leak inspection requirements for this permit unit, provided: 1) the owner/operator demonstrates the valve cannot be monitored with out elevating the monitoring personnel more than 15 feet above a support surface, or that it is over 6 feet away from a platform, 2) the process unit within which the valve is located either becomes an affected facility through 40 CFR 60.14 or 60.15 or if the owner/operator designates less than 3.0% of the total number of valves as difficult-to-monitor, and 3) a written plan is adhered to that, requires monitoring of the valve at least annually and during shutdown. [District Rule 4403, 3.1.7 and 5.2.4; 40 CFR 60.482-7(h)], [Federally Enforceable Through Title V]

38. Components that are located in inaccessible locations or in areas unsafe for personnel shall be inspected and repaired at least annually and during shutdown, and such components shall be identified in the OMP. [District Rule 4403, 5.2.4], [Federally Enforceable Through Title V]

39. Pressure relief devices in light liquid service and flanges and other connectors shall be monitored within 5 days for leak detection in accordance with EPA Method 21, if evidence of a potential leak is found by sight, sound, smell, or any other detection method. A leak is detected if an instrument reading of 10,000 ppm or greater is measured. [40 CFR 60.482-8(a) and (b)], [Federally Enforceable Through Title V]

40. An owner or operator of more than one affected onshore natural gas processing facility subject to NSPS requirements for equipment leaks for VOC, may comply with the recordkeeping requirements for these facilities in one recordkeeping system if the system identifies each record by each facility. [40 CFR 60.486(a)(1) and (2)], [Federally Enforceable Through Title V]

41. When a leak is detected or identified by a Notice to Repair, a weatherproof and readily visible tag shall be attached, bearing the equipment identification number and date which the leak is detected. The tag on a valve may be removed after is has been monitored for 2 successive months and no leak has been detected. The tag of all other equipment may be removed after repair and re-inspection document compliance with the requirements of this permit unit. [District Rule 4403, 5.2.7 and 5.3.2; 40 CFR 60.486(b) and 60.635(b)(1)], [Federally Enforceable Through Title V]

42. Any leak detected on the basis of sight, smell, or sound or identified by a Notice to Repair shall be identified by the operator affixing a weatherproof readily visible tag bearing the date on which the leak is detected. The tag shall remain in place until repair and reinspection document compliance, whether or not operator inspection is otherwise required by this permit. [District Rule 4403, 5.2.8 and 5.3.2], [Federally Enforceable Through Title V]

43. When a leak is detected, the following information shall be recorded in an inspection log: 1) instrument and operator identification numbers and the equipment identification number, 2) date the leak was detected, dates and repair method of each attempt to repair the leak, and date of successful repair 3) "above 10,000" if the maximum instrument reading after each repair attempt is equal to or greater than 10,000 ppm, 4) "repair delayed" and reason for delay and expected date of successful repair if a leak is not repaired within 15 days of detection, 5) signature of individual whose decision it was that repair could not be effected without a process shutdown, 6) dates of process unit shutdown that occur while the equipment is unrepaired. [District Rule 4403, 6.2.1 and 40 CFR 60.486(c) and 60.635(b)(2)(I) through (ix)], [Federally Enforceable Through Title V]

44. Each operator shall maintain an inspection log containing the following additional information: name, location, type of components, and description of any unit where leaking components are found; emission level (ppm) of leak, and method of detection; emission level of recheck after leak is repaired; total number of components inspected, and total number and percentage of leaking components found; identification and location of essential parts of critical process units found leaking that cannot be repaired until the next process unit turnaround; and method used to minimize the leak from essential parts of critical process units which cannot be repaired until the next process unit turnaround. [District Rule 4403, 6.2.1], [Federally Enforceable Through Title V]

45. A log shall be maintained containing the following information: 1) a list of identification numbers for equipment subject to the requirements of this permit unit and 2) a list of identification numbers for equipment in vacuum service. [40 CFR 60.486(e) and 60.635(b)(2)(x)], [Federally Enforceable Through Title V]

46. A log shall be maintained containing the following information for valves in gas/vapor service and light liquid service: 1) a list of identification numbers for valves designated "unsafe-to-monitor" and for valves designated "difficult-to monitor", 2) an explanation for each valve stating why it is so designated, and 3) the schedule for monitoring each such valve. [40 CFR 60.486(f)], [Federally Enforceable Through Title V]

47. A log shall be maintained containing the following information for pumps equipped with a barrier fluid seal system which includes a seal failure sensor, for which a system failure criteria is required to be established, pursuant to the requirements for this permit unit: 1) the design criterion required by this permit and an explanation and 2) any changes to this criterion and reasons for the changes. [40 CFR 60.486(h)], [Federally Enforceable Through Title V]

48. Information and data used to demonstrate that a reciprocating compressor is in wet gas service shall be recorded in a log. [40 CFR 60.635(c)], [Federally Enforceable Through Title V]

49. All logs required for this permit unit and all records of required monitoring data and support information shall be retained by the operator for a minimum of five years after the date of an entry, kept in a readily accessible location, and made available upon request to District personnel. [District Rule 4403, 6.2.3 and 2520, 9.5.2], [Federally Enforceable Through Title V]

50. A new or modified operator mangement plan shall be submitted to the APCO with any application for Authority to Construct for modification of this permit unit. [District Rule 4403, 6.1.2], [Federally Enforceable Through Title V]

51. An initial semiannual report containing information, pursuant to 40 CFR 60.487(b) and 60.636(b), shall be submitted to the APCO beginning 6 months after the initial startup date. [40 CFR 60.487(b) and 60.636(b)], [Federally Enforceable Through Title V]

52. Semiannual reports shall be submitted to the APCO containing the following information: 1) process unit identification, 2) for each month during the reporting period, number of valves, pumps, compressors, and pressure relief devices for which leaks were detected; number of valves, pumps, compressors, and pressure relief devices for which leaks were not repaired within 15 days and a first attempt not made within 5 days of leak detection; the facts that explain each delay of repair and, where appropriate, why a process unit shutdown was technically infeasible 3) dates of process unit shutdowns which occurred within the reporting period, and 4) revisions to items reported in the initial or subsequent semiannual reports. [40 CFR 60.487(a) and (c) and 60.636(c)], [Federally Enforceable Through Title V]

53. Components associated with permit units S-40-1, -50 and -51, combined, are subject to the leak detection limits of District Rule 4403. [District Rule 4403, 2.0 and 3.3.2], [Federally Enforceable Through Title V]

54. Compliance with Title V permit conditions for this unit shall be deemed compliance with applicable requirements of District Rule 4403, formerly 465.3, (as amended February 16, 1995). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

55. Compliance with Title V permit conditions for this unit shall be deemed compliance with applicable requirements of 40 CFR 60, Subpart KKK. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

56. The requirements of District Rules 4201 and (as amended December 17, 1992) and 4801 (as amended December 17, 1992) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

57. The requirements of Kern County Rules 404 and 407 do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-40-2-2 **EXPIRATION DATE:** 08/31/2003

EQUIPMENT DECRIPTION:
NATURAL GASOLINE LOADING RACK WITH VAPOR RECOVERY AND VACUUM PURGE SYSTEM.

PERMIT UNIT REQUIREMENTS

1. The requirements of Kern County Rule 407 do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
2. Vacuum purge system shall be activated prior to transport tank disconnect to displace organic vapors to Gas Plant vapor recovery system. [District Rule 2201], [Federally Enforceable Through Title V]
3. The loading rack shall be equipped with bottom loading and a vapor collection and control system such that VOC emissions do not exceed 0.08 pounds per 1000 gallons of organic liquid loaded. [District Rule 4624, 5.1.1 and Kern County Rule 413], [Federally Enforceable Through Title V]
4. Vapor collection and control system shall operate such that the pressure in the delivery tank being loaded does not exceed 18 inches water column pressure and 6 inches water column vacuum. [District Rule 4624, 5.2], [Federally Enforceable Through Title V]
5. All delivery tanks which previously contained organic liquids, including gasoline, with a TVP greater than 1.5 psia at loading conditions shall be filled only at Class 1 loading facilities using bottom loading equipment with a vapor collection and control system operating such that VOC emissions do not exceed 0.08 lb/1000 gallons loaded; or Class 2 loading facilities equipped with a system to control at least 95% of VOC displaced; and which operate so the delivery tank does not exceed 18 inches water column pressure nor 6 inches water column vacuum. [District Rule 4624, 5.3], [Federally Enforceable Through Title V]
6. Construction, reconstruction (as defined in District Rule 4001, amended January 19, 1995), or expansion of any top loading facility shall not be allowed. [District Rule 4624, 5.5], [Federally Enforceable Through Title V]
7. Loading and vapor collection and control equipment shall be designed, installed, maintained and operated such that there are no leaks or excess organic liquid drainage at disconnections. A leak shall be defined as the dripping of organic compounds at a rate of more than three drops per minute or the detection of organic compounds, in excess of 10,000 ppm as methane measured at a distance of one centimeter from the potential source in accordance with EPA Method 21. Excess liquid drainage shall be defined as exceeding 10 mls per average of 3 consecutive disconnects. [District Rule 4624, 5.4 and Kern County Rule 413], [Federally Enforceable Through Title V]
8. During the loading of organic liquids, the operator shall perform and record the results of monthly leak inspections of the loading and vapor collection equipment at each loading arm. Leak inspections shall be conducted using sight, sound, smell and instrument methods to detect leaks. Instrument detection shall be conducted using EPA Method 21 and shall be measured at a distance of one centimeter from the potential source. The instrument shall be calibrated before use each day of its use by the procedures specified in Method 21 using the following calibration gases: A) Zero air (less than 10 ppm of hydrocarbon in air); and B) Mixture of methane and air at a concentration of about, but less than, 10,000 ppm methane. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. Corrective steps shall be taken at any time the operator observes excess drainage at disconnect. In addition, the operator shall perform and record the results of monthly drainage inspections at disconnect for each loading arm. If no excess drainage conditions are found during five consecutive monthly inspections, the drainage inspection frequency may be changed from monthly to quarterly. However, if one or more excess drainage condition is found during a quarterly inspection, the inspection frequency shall return to monthly. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. Drainage inspections shall be completed before 10:00 AM the day of inspection. Compliance shall be demonstrated by collecting all drainage at disconnect in a spouted container. The drainage shall be transferred to a graduated cylinder and the volume determined within one (1) minute of collection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
11. Each detected leak shall be repaired within 15 calendar days of detection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
12. The permittee shall maintain an inspection log containing at least the following: A) dates of leak and drainage inspections, B) leak determination method, C) findings, D) corrective action (date each leak or excess drainage condition repaired, reasons for any leak repair interval in excess of 15 days), and E) inspector name and signature. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
13. All records necessary to determine compliance with the VOC emission limit for this unit shall be maintained for a period of at least 5 years and shall include component counts and recognized emission factors for fugitive emission sources. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

14. Operator shall maintain all records of required monitoring data and support information for inspection for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]

15. Analysis of halogenated exempt compounds shall be by ARB Method 432. [District Rule 4624, 6.2.1], [Federally Enforceable Through Title V]

16. The loading rack's vapor collection and control system (VCCS) shall be tested annually to demonstrate the pressure in the delivery tanks being loaded complies with the requirements specified in this permit. Compliance shall be determined by calibrating and installing a liquid manometer, magnehelic device, or other instrument demonstrated to be equivalent, capable of measuring up to 500 mm water gauge pressure with a precision of + or - 2.5 mm water gauge, on the terminal's VCCS at a pressure tap as close as possible to the connection with the product tank truck. The highest instantaneous pressure measurement as well as all pressure measurements at 5 minute intervals during delivery vessel loading must be recorded. Every loading position must be tested at least once during the annual performance test. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

17. Loading of a delivery vessel shall discontinue if its pressure relief valve opens. Corrective action shall be taken should this condition occur. [District Rule 2520, 9.1], [Federally Enforceable Through Title V]

18. Compliance with these permit conditions in the Title V permit shall be deemed compliance with the requirements of Kern County Rule 413. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

19. Compliance with these permit conditions in the Title V permit shall be deemed compliance with the following requirements: District Rule 4624 (as amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

20. The requirements of District Rules 4621 (as amended May 20, 1993), 4622 (as amended February 17, 1994), and 4801 (as amended December 17, 1992 do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

San Joaquin Valley
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PERMIT UNIT: S-40-3-3 **EXPIRATION DATE:** 08/31/2003

EQUIPMENT DECRIPTION:
GAS PLANT FLARE, INCLUDING 10 FT. LONG MCGILL ENVIRONMENTAL SYSTEMS, INC. SMS-12-II FLARE TIP WITH CENTER STEAM INJECTION NOZZLE, 20 HP, 8000 CFM AIR BLOWER, TWO PILOT ASSEMBLIES, AND SELF SUPPORTED FLARE STRUCTURE WITH BASE SECTION LIQUID SEAL.

PERMIT UNIT REQUIREMENTS

1. The requirements of Kern County Rules 108.1, 404, 407.2, and 408 do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
2. Natural gas shall be used as pilot fuel. [District NSR Rule], [Federally Enforceable Through Title V]
3. Air blower shall be in operation whenever process gases are flared. [District NSR Rule], [Federally Enforceable Through Title V]
4. The flare shall be designed for smokeless operation, with no visible emissions in excess of 5% opacity. [District NSR Rule], [Federally Enforceable Through Title V]
5. The flare shall be used for combustion of emergency releases of VOC vapors only, including but not limited to breakdown conditions pursuant to Rule 1100; no continuous disposal of gases shall occur. [District NSR Rule], [Federally Enforceable Through Title V]
6. Emissions from combustion of pilot flame fuel shall be less than 0.05 lb PM10/hr, 0.05 lb sulfur compounds (as SO2)/hr, 0.01 lb NOx (as NO2)/hr, 0.05 lb VOC/hr, nor 0.05 lb CO/hr. [District NSR Rule], [Federally Enforceable Through Title V]
7. The flare shall be inspected every two weeks for visible emissions. If visible emissions are observed, corrective action shall be taken. If visible emissons cannot be eliminated, an EPA Method 9 test shall be conducted within 72 hours. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. The concentration of sulfur compounds in the exhaust from this unit shall not exceed 0.2% by volume as measured on a dry basis over a 15 minute period. To demonstrate compliance with this requirement the operator shall test the sulfur content of the gases being flared and demonstrate the sulfur content does not exceed 3.3% by weight. [District Rules 4801, 3.0 and 2520, 9.4.2], [Federally Enforceable Through Title V]
9. To show compliance with sulfur emission limits, the gas being flared shall be tested weekly for sulfur content and higher heating value. If compliance with the fuel sulfur content limit and sulfur emission limits has been demonstrated for 8 consecutive weeks for the flared gas, then the compliance testing frequency shall be semi-annually. If a semi-annual sulfur content test fails to show compliance, weekly testing shall resume. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. The sulfur content of the gas being flared shall be determined using ASTM D 1072-80,D 3031-81, D 4084-82, D 3246-81 or grab sample analysis by GC-FPD/TCD performed in the laboratory. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
11. The fuel higher heating value for the gases being flared shall be certified by third party fuel supplier or determined by ASTM D 1826-88 or D 1945-81 in conjunction with ASTM D 3588-89. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
12. The flare shall be operated according to the manufacturer's specifications, a copy of which shall be maintained on site. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
13. The flare shall be operated with a flame present at all times, and kept in operation when emissions may be vented to it. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
14. The permittee shall maintain accurate records of gas volume flared, visible emission checks, and hours of operation. These records and all records of required monitoring data and support information shall be maintained and retained for a period of 5 years and made available for inspection at any time. [District NSR Rule and District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
15. Compliance with these permit unit conditions shall be deemed compliance with the requirements of Kern County Rules 401 and 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
16. Compliance with these permit unit conditions shall be deemed compliance with the requirements of District Rule 4801 (as amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

17. The requirements of District Rules 1081 (as amended December 16, 1993), 4201 (as amended December 17, 1992), and 4301 (as amended December 17, 1992), do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

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PERMIT UNIT: S-40-6-2 **EXPIRATION DATE:** 08/31/2003

EQUIPMENT DECRIPTION:
ONE 400 BHP, CATERPILLAR MODEL G379A TURBOCHARGED I. C. ENGINE #72B-937 (#29), WITH ARIEL JG-4 NATURAL GAS COMPRESSOR, HOUSTON INDUSTRIAL SILENCING DENOX CATALYTIC CONVERTER/SILENCER MODEL DN/S-4008C, AND FLUE GAS OXYGEN ANALYZER/MONITOR.

PERMIT UNIT REQUIREMENTS

1. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of Kern County Rules 108.1, 404, and 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
2. Emissions of oxides of nitrogen (NOx) shall be reduced by at least 90% across catalytic converter, or emissions of NOx shall not exceed 90 ppmv on a dry basis corrected to 15% oxygen. [District Rule 4701]
3. Emissions of carbon monoxide (CO) in exhaust averaged over not less than 15 consecutive minutes shall not exceed 2000 ppmv on a dry basis corrected to 15% oxygen. [District Rule 4701]
4. Air/fuel ratio shall be maintained and operated to effect compliance with NOx and CO ppmv or percent reduction requirements for this permit unit. [District Rule 4701, 5.4.1]
5. Catalyst volume, operating temperature, and exhaust O2 content shall be selected to effect compliance with the NOx and CO ppmv or percent reduction requirements for this permit unit. [District Rule 4701, 5.4.1]
6. System shall be equipped with oxygen sensor and readout. [District Rule 4701, 5.4.1]
7. System shall be equipped with an automatic air/fuel air ratio controller. [District Rule 4701, 5.4.1]
8. Compliance with NOx and CO ppmv or percent reduction requirements for this permit unit shall be demonstrated by District-witnessed sample collection by independent testing laboratory annually 60 days prior to permit anniversary. [District Rule 4701]
9. All required source testing shall conform to the compliance testing procedures described in District Rule 1081 (as amended December 16, 1993). [District Rule 1081, and County Rules 108 (Kings), 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus), and 110 (Madera)], [Federally Enforceable Through Title V]
10. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. Compliance with this requirement shall be shown by using PUC quality natural gas fuel. [District Rule 4801 and Kern County Rule 407], [Federally Enforceable Through Title V]
11. Particulate emissions shall not exceed at the point of discharge, 0.1 gr/dscf. Compliance with this requirement shall be shown by using PUC quality natural gas fuel. [District Rule 4201; Kern County Rule 404], [Federally Enforceable Through Title V]
12. Unit shall be fired only on PUC quality natural gas with a sulfur content of less than or equal to 0.017% by weight. [District NSR Rule and District Rules 2520, 9.4.2 and 4801; Kern County Rule 407], [Federally Enforceable Through Title V]
13. The sulfur content of the natural gas being fired in the IC engine shall be determined using ASTM method D 1072-80, D 3031-81, D 4084-82 or D 3246-81. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
14. The sulfur content of each fuel source shall be tested weekly. If compliance with the fuel sulfur content limit has been demonstrated for 8 consecutive weeks for a fuel source, then the testing frequency shall be quarterly. If a test shows noncompliance with the sulfur content requirement, then weekly testing shall resume. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
15. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
16. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of District Rules 1081 (as amended December 16, 1993), 4201 (as amended December 17, 1992), and 4801 (as amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

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PERMIT UNIT: S-40-7-2 **EXPIRATION DATE:** 08/31/2003

EQUIPMENT DECRIPTION:
ONE 400 BHP, CATERPILLAR MODEL G379A TURBOCHARGED I. C. ENGINE #72B-846 (#28), WITH ARIEL JG-4 NATURAL GAS COMPRESSOR, HOUSTON INDUSTRIAL SILENCING DENOX CATALYTIC CONVERTER/SILENCER MODEL DN/S-4008C, AND FLUE GAS OXYGEN ANALYZER/MONITOR.

PERMIT UNIT REQUIREMENTS

1. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of Kern County Rules 108.1, 404, and 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
2. Emissions of oxides of nitrogen (NOx) shall be reduced by at least 90% across catalytic converter, or emissions of NOx shall not exceed 90 ppmv on a dry basis corrected to 15% oxygen. [District Rule 4701]
3. Emissions of carbon monoxide (CO) in exhaust averaged over not less than 15 consecutive minutes shall not exceed 2000 ppmv on a dry basis corrected to 15% oxygen. [District Rule 4701]
4. Air/fuel ratio shall be maintained and operated to effect compliance with NOx and CO ppmv or percent reduction requirements for this permit unit. [District Rule 4701, 5.4.1]
5. Catalyst volume, operating temperature, and exhaust O2 content shall be selected to effect compliance with the NOx and CO ppmv or percent reduction requirements for this permit unit. [District Rule 4701, 5.4.1]
6. System shall be equipped with oxygen sensor and readout. [District Rule 4701, 5.4.1]
7. System shall be equipped with manual air/fuel air ratio controller. [District Rule 4701, 5.4.1]
8. Compliance with NOx and CO ppmv or percent reduction requirements for this permit unit shall be demonstrated by District-witnessed sample collection by independent testing laboratory annually 60 days prior to permit anniversary. [District Rule 4701]
9. All required source testing shall conform to the compliance testing procedures described in District Rule 1081 (as amended December 16, 1993). [District Rule 1081, and County Rules 108 (Kings), 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus), and 110 (Madera)], [Federally Enforceable Through Title V]
10. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. Compliance with this requirement shall be shown by using PUC quality natural gas fuel. [District Rule 4801 and Kern County Rule 407], [Federally Enforceable Through Title V]
11. Particulate emissions shall not exceed at the point of discharge, 0.1 gr/dscf. Compliance with this requirement shall be shown by using PUC quality natural gas fuel. [District Rule 4201; Kern County Rule 404], [Federally Enforceable Through Title V]
12. Unit shall be fired only on PUC quality natural gas with a sulfur content of less than or equal to 0.017% by weight. [District NSR Rule and District Rules 2520, 9.4.2 and 4801; Kern County Rule 407], [Federally Enforceable Through Title V]
13. The sulfur content of the natural gas being fired in the IC engine shall be determined using ASTM method D 1072-80, D 3031-81, D 4084-82 or D 3246-81. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
14. The sulfur content of each fuel source shall be tested weekly. If compliance with the fuel sulfur content limit has been demonstrated for 8 consecutive weeks for a fuel source, then the testing frequency shall be quarterly. If a test shows noncompliance with the sulfur content requirement, then weekly testing shall resume. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
15. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
16. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of District Rules 1081 (as amended December 16, 1993), 4201 (as amended December 17, 1992), and 4801 (as amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

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PERMIT UNIT: S-40-8-2 **EXPIRATION DATE:** 08/31/2003

EQUIPMENT DECRIPTION:
ONE 370 BHP, INGERSOL-RAND MODEL PVG-8 I. C. ENGINE #8PG-2123 (#1), WITH 250KW, 2400V GENERATOR, HOUSTON INDUSTRIAL SILENCING DENOX CATALYTIC CONVERTER/SILENCER MODEL DN/S-4008C, AND FLUE GAS OXYGEN ANALYZER/MONITOR SHARED WITH S-40-9.

PERMIT UNIT REQUIREMENTS

1. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of Kern County Rules 108.1, 404, and 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
2. Emissions of oxides of nitrogen (NOx) shall be reduced by at least 90% across catalytic converter, or emissions of NOx shall not exceed 90 ppmv on a dry basis corrected to 15% oxygen. [District Rule 4701]
3. Emissions of carbon monoxide (CO) in exhaust averaged over not less than 15 consecutive minutes shall not exceed 2000 ppmv on a dry basis corrected to 15% oxygen. [District Rule 4701]
4. Air/fuel ratio shall be maintained and operated to effect compliance with NOx and CO ppmv or percent reduction requirements for this permit unit. [District Rule 4701, 5.4.1]
5. Catalyst volume, operating temperature, and exhaust O2 content shall be selected to effect compliance with the NOx and CO ppmv or percent reduction requirements for this permit unit. [District Rule 4701, 5.4.1]
6. System shall be equipped with oxygen sensor and readout. [District Rule 4701, 5.4.1]
7. System shall be equipped with manual air/fuel air ratio controller. [District Rule 4701, 5.4.1]
8. Compliance with NOx and CO ppmv or percent reduction requirements for this permit unit shall be demonstrated by District-witnessed sample collection by independent testing laboratory annually 60 days prior to permit anniversary. [District Rule 4701]
9. All required source testing shall conform to the compliance testing procedures described in District Rule 1081 (as amended December 16, 1993). [District Rule 1081, and County Rules 108 (Kings), 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus), and 110 (Madera)], [Federally Enforceable Through Title V]
10. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. Compliance with this requirement shall be shown by using PUC quality natural gas fuel. [District Rule 4801 and Kern County Rule 407], [Federally Enforceable Through Title V]
11. Particulate emissions shall not exceed at the point of discharge, 0.1 gr/dscf. Compliance with this requirement shall be shown by using PUC quality natural gas fuel. [District Rule 4201; Kern County Rule 404], [Federally Enforceable Through Title V]
12. Unit shall be fired only on PUC quality natural gas with a sulfur content of less than or equal to 0.017% by weight. [District NSR Rule and District Rules 2520, 9.4.2 and 4801; Kern County Rule 407], [Federally Enforceable Through Title V]
13. The sulfur content of the natural gas being fired in the IC engine shall be determined using ASTM method D 1072-80, D 3031-81, D 4084-82 or D 3246-81. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
14. The sulfur content of each fuel source shall be tested weekly. If compliance with the fuel sulfur content limit has been demonstrated for 8 consecutive weeks for a fuel source, then the testing frequency shall be quarterly. If a test shows noncompliance with the sulfur content requirement, then weekly testing shall resume. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
15. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
16. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of District Rules 1081 (as amended December 16, 1993), 4201 (as amended December 17, 1992), and 4801 (as amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-40-9-2 **EXPIRATION DATE:** 08/31/2003

EQUIPMENT DECRIPTION:
ONE 370 BHP, INGERSOL-RAND MODEL PVG-8 I. C. ENGINE #8PG-2121 (#2), WITH 250KW, 2400V GENERATOR, HOUSTON INDUSTRIAL SILENCING DENOX CATALYTIC CONVERTER/SILENCER MODEL DN/S-4008C, AND FLUE GAS OXYGEN ANALYZER/MONITOR SHARED WITH S-40-8.

PERMIT UNIT REQUIREMENTS

1. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of Kern County Rules 108.1, 404, and 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
2. Emissions of oxides of nitrogen (NOx) shall be reduced by at least 90% across catalytic converter, or emissions of NOx shall not exceed 90 ppmv on a dry basis corrected to 15% oxygen. [District Rule 4701]
3. Emissions of carbon monoxide (CO) in exhaust averaged over not less than 15 consecutive minutes shall not exceed 2000 ppmv on a dry basis corrected to 15% oxygen. [District Rule 4701]
4. Air/fuel ratio shall be maintained and operated to effect compliance with NOx and CO ppmv or percent reduction requirements for this permit unit. [District Rule 4701, 5.4.1]
5. Catalyst volume, operating temperature, and exhaust O2 content shall be selected to effect compliance with the NOx and CO ppmv or percent reduction requirements for this permit unit. [District Rule 4701, 5.4.1]
6. System shall be equipped with oxygen sensor and readout. [District Rule 4701, 5.4.1]
7. System shall be equipped with manual air/fuel air ratio controller. [District Rule 4701, 5.4.1]
8. Compliance with NOx and CO ppmv or percent reduction requirements for this permit unit shall be demonstrated by District-witnessed sample collection by independent testing laboratory annually 60 days prior to permit anniversary. [District Rule 4701]
9. All required source testing shall conform to the compliance testing procedures described in District Rule 1081 (as amended December 16, 1993). [District Rule 1081, and County Rules 108 (Kings), 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus), and 110 (Madera)], [Federally Enforceable Through Title V]
10. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. Compliance with this requirement shall be shown by using PUC quality natural gas fuel. [District Rule 4801 and Kern County Rule 407], [Federally Enforceable Through Title V]
11. Particulate emissions shall not exceed at the point of discharge, 0.1 gr/dscf. Compliance with this requirement shall be shown by using PUC quality natural gas fuel. [District Rule 4201; Kern County Rule 404], [Federally Enforceable Through Title V]
12. Unit shall be fired only on PUC quality natural gas with a sulfur content of less than or equal to 0.017% by weight. [District NSR Rule and District Rules 2520, 9.4.2 and 4801; Kern County Rule 407], [Federally Enforceable Through Title V]
13. The sulfur content of the natural gas being fired in the IC engine shall be determined using ASTM method D 1072-80, D 3031-81, D 4084-82 or D 3246-81. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
14. The sulfur content of each fuel source shall be tested weekly. If compliance with the fuel sulfur content limit has been demonstrated for 8 consecutive weeks for a fuel source, then the testing frequency shall be quarterly. If a test shows noncompliance with the sulfur content requirement, then weekly testing shall resume. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
15. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
16. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of District Rules 1081 (as amended December 16, 1993), 4201 (as amended December 17, 1992), and 4801 (as amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-40-10-2 **EXPIRATION DATE:** 08/31/2003

EQUIPMENT DECRIPTION:
ONE 370 BHP, INGERSOL-RAND MODEL PVG-8 I. C. ENGINE #8PG-2120 (#3), WITH 250KW, 2400V GENERATOR, HOUSTON INDUSTRIAL SILENCING DENOX CATALYTIC CONVERTER/SILENCER MODEL DN/S-4008C, AND FLUE GAS OXYGEN ANALYZER/MONITOR SHARED WITH S-40-11.

PERMIT UNIT REQUIREMENTS

1. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of Kern County Rules 108.1, 404, and 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
2. Emissions of oxides of nitrogen (NOx) shall be reduced by at least 90% across catalytic converter, or emissions of NOx shall not exceed 90 ppmv on a dry basis corrected to 15% oxygen. [District Rule 4701]
3. Emissions of carbon monoxide (CO) in exhaust averaged over not less than 15 consecutive minutes shall not exceed 2000 ppmv on a dry basis corrected to 15% oxygen. [District Rule 4701]
4. Air/fuel ratio shall be maintained and operated to effect compliance with NOx and CO ppmv or percent reduction requirements for this permit unit. [District Rule 4701, 5.4.1]
5. Catalyst volume, operating temperature, and exhaust O2 content shall be selected to effect compliance with the NOx and CO ppmv or percent reduction requirements for this permit unit. [District Rule 4701, 5.4.1]
6. System shall be equipped with oxygen sensor and readout. [District Rule 4701, 5.4.1]
7. System shall be equipped with an automatic air/fuel air ratio controller. [District Rule 4701, 5.4.1]
8. Compliance with NOx and CO ppmv or percent reduction requirements for this permit unit shall be demonstrated by District-witnessed sample collection by independent testing laboratory annually 60 days prior to permit anniversary. [District Rule 4701]
9. All required source testing shall conform to the compliance testing procedures described in District Rule 1081 (as amended December 16, 1993). [District Rule 1081, and County Rules 108 (Kings), 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus), and 110 (Madera)], [Federally Enforceable Through Title V]
10. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. Compliance with this requirement shall be shown by using PUC quality natural gas fuel. [District Rule 4801 and Kern County Rule 407], [Federally Enforceable Through Title V]
11. Particulate emissions shall not exceed at the point of discharge, 0.1 gr/dscf. Compliance with this requirement shall be shown by using PUC quality natural gas fuel. [District Rule 4201; Kern County Rule 404], [Federally Enforceable Through Title V]
12. Unit shall be fired only on PUC quality natural gas with a sulfur content of less than or equal to 0.017% by weight. [District NSR Rule and District Rules 2520, 9.4.2 and 4801; Kern County Rule 407], [Federally Enforceable Through Title V]
13. The sulfur content of the natural gas being fired in the IC engine shall be determined using ASTM method D 1072-80, D 3031-81, D 4084-82 or D 3246-81. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
14. The sulfur content of each fuel source shall be tested weekly. If compliance with the fuel sulfur content limit has been demonstrated for 8 consecutive weeks for a fuel source, then the testing frequency shall be quarterly. If a test shows noncompliance with the sulfur content requirement, then weekly testing shall resume. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
15. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
16. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of District Rules 1081 (as amended December 16, 1993), 4201 (as amended December 17, 1992), and 4801 (as amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-40-11-2 **EXPIRATION DATE:** 08/31/2003

EQUIPMENT DECRIPTION:
ONE 370 BHP, INGERSOL-RAND MODEL PVG-8 I. C. ENGINE #8PG-2118 (#4), WITH 250KW, 2400V GENERATOR, HOUSTON INDUSTRIAL SILENCING DENOX CATALYTIC CONVERTER/SILENCER MODEL DN/S-4008C, AND FLUE GAS OXYGEN ANALYZER/MONITOR SHARED WITH S-40-10.

PERMIT UNIT REQUIREMENTS

1. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of Kern County Rules 108.1, 404, and 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
2. Emissions of oxides of nitrogen (NOx) shall be reduced by at least 90% across catalytic converter, or emissions of NOx shall not exceed 90 ppmv on a dry basis corrected to 15% oxygen. [District Rule 4701]
3. Emissions of carbon monoxide (CO) in exhaust averaged over not less than 15 consecutive minutes shall not exceed 2000 ppmv on a dry basis corrected to 15% oxygen. [District Rule 4701]
4. Air/fuel ratio shall be maintained and operated to effect compliance with NOx and CO ppmv or percent reduction requirements for this permit unit. [District Rule 4701, 5.4.1]
5. Catalyst volume, operating temperature, and exhaust O2 content shall be selected to effect compliance with the NOx and CO ppmv or percent reduction requirements for this permit unit. [District Rule 4701, 5.4.1]
6. System shall be equipped with oxygen sensor and readout. [District Rule 4701, 5.4.1]
7. System shall be equipped with an automatic air/fuel air ratio controller. [District Rule 4701, 5.4.1]
8. Compliance with NOx and CO ppmv or percent reduction requirements for this permit unit shall be demonstrated by District-witnessed sample collection by independent testing laboratory annually 60 days prior to permit anniversary. [District Rule 4701]
9. All required source testing shall conform to the compliance testing procedures described in District Rule 1081 (as amended December 16, 1993). [District Rule 1081, and County Rules 108 (Kings), 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus), and 110 (Madera)], [Federally Enforceable Through Title V]
10. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. Compliance with this requirement shall be shown by using PUC quality natural gas fuel. [District Rule 4801 and Kern County Rule 407], [Federally Enforceable Through Title V]
11. Particulate emissions shall not exceed at the point of discharge, 0.1 gr/dscf. Compliance with this requirement shall be shown by using PUC quality natural gas fuel. [District Rule 4201; Kern County Rule 404], [Federally Enforceable Through Title V]
12. Unit shall be fired only on PUC quality natural gas with a sulfur content of less than or equal to 0.017% by weight. [District NSR Rule and District Rules 2520, 9.4.2 and 4801; Kern County Rule 407], [Federally Enforceable Through Title V]
13. The sulfur content of the natural gas being fired in the IC engine shall be determined using ASTM method D 1072-80, D 3031-81, D 4084-82 or D 3246-81. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
14. The sulfur content of each fuel source shall be tested weekly. If compliance with the fuel sulfur content limit has been demonstrated for 8 consecutive weeks for a fuel source, then the testing frequency shall be quarterly. If a test shows noncompliance with the sulfur content requirement, then weekly testing shall resume. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
15. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
16. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of District Rules 1081 (as amended December 16, 1993), 4201 (as amended December 17, 1992), and 4801 (as amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

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PERMIT UNIT: S-40-15-1 **EXPIRATION DATE:** 08/31/2003

EQUIPMENT DECRIPTION:
ONE 2000 BHP, SUPERIOR MODEL 12SGTB TURBOCHARGED, INTERCOOLED, TWELVE CYLINDER LEAN BURN I. C. ENGINE #317319 (#A).

PERMIT UNIT REQUIREMENTS

1. If compliance is demonstrated for 2 consecutive years, testing frequency may be reduced to every 36 months. If the unit fails to demonstrate compliance with emissions limit, the testing frequency shall return to not less than every 12 months. [District Rule 2520, 9.4.2 and District Rule 4701], [Federally Enforceable Through Title V]
2. Engine shall be fired exclusively with PUC quality natural gas with sulfur content not to exceed 0.001 weight percent, calculated as H2S. [District NSR Rule], [Federally Enforceable Through Title V]
3. Natural gas combusted shall not exceed 329,594 scf in any one day without prior District approval. The engine shall be equipped with a fuel gas flow meter/recorder. [District NSR Rule], [Federally Enforceable Through Title V]
4. Emissions of oxides of nitrogen (NOx) shall not exceed 150 ppmv on a dry basis corrected to 15% oxygen. [District 4701, 5.1]
5. Air/fuel ratio shall be maintained and operated to effect compliance with NOx ppmv requirements for this permit unit. [District Rule 4701, 5.4.1]
6. The engine shall be equipped with an automatic air/fuel ratio controller. [District Rule 4701, 5.4.1]
7. Source testing for NOx, VOC, and CO shall be conducted by District witnessed sample collection by an independent testing laboratory annually 60 days prior to permit anniversary. [District Rule 4701]
8. Particulate matter (PM10) emissions shall not exceed 0.14 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
9. Sulfur compounds (as SO2) emissions shall not exceed 0.01 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
10. Oxides of nitrogen (as NO2) emissions shall not exceed 6.62 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
11. Volatile organic compounds (VOC) emissions shall not exceed 2.65 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
12. Carbon monoxide (CO) emissions shall not exceed 7.05 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
13. All required source testing shall conform to the compliance testing procedures described in District Rule 1081 (as amended December 16, 1993). [District Rule 1081, and County Rules 108 (Kings), 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus), and 110 (Madera)], [Federally Enforceable Through Title V]
14. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. Compliance with this requirement shall be shown by using PUC quality natural gas fuel. [District Rule 4801 and Kern County Rule 407], [Federally Enforceable Through Title V]
15. Particulate emissions shall not exceed at the point of discharge, 0.1 gr/dscf. Compliance with this requirement shall be shown by using PUC quality natural gas fuel. [District Rule 4201; Kern County Rule 404], [Federally Enforceable Through Title V]
16. The sulfur content of the natural gas being fired in the IC engine shall be determined using ASTM method D 1072-80, D 3031-81, D 4084-82 or D 3246-81. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
17. The sulfur content of each fuel source shall be tested weekly. If compliance with the fuel sulfur content limit has been demonstrated for 8 consecutive weeks for a fuel source, then the testing frequency shall be semi-annual. If a test shows noncompliance with the sulfur content requirement, then weekly testing shall resume. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
18. The operator of an internal combustion (IC) engine shall maintain daily engine fuel use records and all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
19. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of District Rules 1081 (as amended December 16, 1993), 4201 (as amended December 17, 1992), and 4801 (as amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

20. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of Kern County Rules 108.1, 404, and 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

21. Source testing shall be performed for NOx according to EPA Method 7E (or ARB Method 100); for VOC according to EPA method 18 or 25; and for CO according to ARB Method 100. [District Rule 2520. 9.4.2 and District Rule 4701], [Federally Enforceable Through Title V]

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PERMIT UNIT: S-40-16-1 **EXPIRATION DATE:** 08/31/2003

EQUIPMENT DECRIPTION:
ONE 2000 BHP, SUPERIOR MODEL 12SGTB TURBOCHARGED, INTERCOOLED, TWELVE CYLINDER LEAN BURN I. C. ENGINE #317329 (#B).

PERMIT UNIT REQUIREMENTS

1. If compliance is demonstrated for 2 consecutive years, testing frequency may be reduced to every 36 months. If the unit fails to demonstrate compliance with emissions limit, the testing frequency shall return to not less than every 12 months. [District Rule 2520, 9.4.2 and District Rule 4701], [Federally Enforceable Through Title V]
2. Engine shall be fired exclusively with PUC quality natural gas with sulfur content not to exceed 0.001 weight percent, calculated as H2S. [District NSR Rule], [Federally Enforceable Through Title V]
3. Natural gas combusted shall not exceed 329,594 scf in any one day without prior District approval. The engine shall be equipped with a fuel gas flow meter/recorder. [District NSR Rule], [Federally Enforceable Through Title V]
4. Emissions of oxides of nitrogen (NOx) shall not exceed 150 ppmv on a dry basis corrected to 15% oxygen. [District 4701, 5.1]
5. Air/fuel ratio shall be maintained and operated to effect compliance with NOx ppmv requirements for this permit unit. [District Rule 4701, 5.4.1]
6. The engine shall be equipped with an automatic air/fuel ratio controller. [District Rule 4701, 5.4.1]
7. Source testing for NOx, VOC, and CO shall be conducted by District witnessed sample collection by an independent testing laboratory annually 60 days prior to permit anniversary. [District Rule 4701]
8. Particulate matter (PM10) emissions shall not exceed 0.14 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
9. Sulfur compounds emissions (as SO2) shall not exceed 0.01 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
10. Oxides of nitrogen (as NO2) emissions shall not exceed 6.62 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
11. Volatile organic compounds (VOC) emissions shall not exceed 2.65 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
12. Carbon monoxide (CO) emissions shall not exceed 7.05 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
13. All required source testing shall conform to the compliance testing procedures described in District Rule 1081 (as amended December 16, 1993). [District Rule 1081, and County Rules 108 (Kings), 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus), and 110 (Madera)], [Federally Enforceable Through Title V]
14. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. Compliance with this requirement shall be shown by using PUC quality natural gas fuel. [District Rule 4801 and Kern County Rule 407], [Federally Enforceable Through Title V]
15. Particulate emissions shall not exceed at the point of discharge, 0.1 gr/dscf. Compliance with this requirement shall be shown by using PUC quality natural gas fuel. [District Rule 4201; Kern County Rule 404], [Federally Enforceable Through Title V]
16. The sulfur content of the natural gas being fired in the IC engine shall be determined using ASTM method D 1072-80, D 3031-81, D 4084-82 or D 3246-81. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
17. The sulfur content of each fuel source shall be tested weekly. If compliance with the fuel sulfur content limit has been demonstrated for 8 consecutive weeks for a fuel source, then the testing frequency shall be semi-annual. If a test shows noncompliance with the sulfur content requirement, then weekly testing shall resume. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
18. The operator of an internal combustion (IC) engine shall maintain daily engine fuel use records and all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
19. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of District Rules 1081 (as amended December 16, 1993), 4201 (as amended December 17, 1992), and 4801 (as amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

20. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of Kern County Rules 108.1, 404, and 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

21. Source testing shall be performed for NOx according to EPA Method 7E (or ARB Method 100); for VOC according to EPA method 18 or 25; and for CO according to ARB Method 100. [District Rule 2520. 9.4.2 and District Rule 4701], [Federally Enforceable Through Title V]

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PERMIT UNIT: S-40-17-1 **EXPIRATION DATE:** 08/31/2003

EQUIPMENT DECRIPTION:
ONE 2000 BHP, SUPERIOR MODEL 12SGTB TURBOCHARGED, INTERCOOLED, TWELVE CYLINDER LEAN BURN I. C. ENGINE #317309 (#C).

PERMIT UNIT REQUIREMENTS

1. If compliance is demonstrated for 2 consecutive years, testing frequency may be reduced to every 36 months. If the unit fails to demonstrate compliance with emissions limit, the testing frequency shall return to not less than every 12 months. [District Rule 2520, 9.4.2 and District Rule 4701], [Federally Enforceable Through Title V]
2. Engine shall be fired exclusively with PUC quality natural gas with sulfur content not to exceed 0.001 weight percent, calculated as H2S. [District NSR Rule], [Federally Enforceable Through Title V]
3. Natural gas combusted shall not exceed 329,594 scf in any one day without prior District approval. The engine shall be equipped with a fuel gas flow meter/recorder. [District NSR Rule], [Federally Enforceable Through Title V]
4. Emissions of oxides of nitrogen (NOx) shall not exceed 150 ppmv on a dry basis corrected to 15% oxygen. [District 4701, 5.1]
5. Air/fuel ratio shall be maintained and operated to effect compliance with NOx ppmv requirements for this permit unit. [District Rule 4701, 5.4.1]
6. The engine shall be equipped with an automatic air/fuel ratio controller. [District Rule 4701, 5.4.1]
7. Source testing for NOx, VOC, and CO shall be conducted by District witnessed sample collection by an independent testing laboratory annually 60 days prior to permit anniversary. [District Rule 4701]
8. Particulate matter (PM10) emissions shall not exceed 0.14 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
9. Sulfur compounds emissions (as SO2) shall not exceed 0.01 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
10. Oxides of nitrogen (as NO2) emissions shall not exceed 6.62 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
11. Volatile organic compounds (VOC) emissions shall not exceed 2.65 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
12. Carbon monoxide (CO) emissions shall not exceed 7.05 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
13. All required source testing shall conform to the compliance testing procedures described in District Rule 1081 (as amended December 16, 1993). [District Rule 1081, and County Rules 108 (Kings), 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus), and 110 (Madera)], [Federally Enforceable Through Title V]
14. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. Compliance with this requirement shall be shown by using PUC quality natural gas fuel. [District Rule 4801 and Kern County Rule 407], [Federally Enforceable Through Title V]
15. Particulate emissions shall not exceed at the point of discharge, 0.1 gr/dscf. Compliance with this requirement shall be shown by using PUC quality natural gas fuel. [District Rule 4201; Kern County Rule 404], [Federally Enforceable Through Title V]
16. The sulfur content of the natural gas being fired in the IC engine shall be determined using ASTM method D 1072-80, D 3031-81, D 4084-82 or D 3246-81. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
17. The sulfur content of each fuel source shall be tested weekly. If compliance with the fuel sulfur content limit has been demonstrated for 8 consecutive weeks for a fuel source, then the testing frequency shall be semi-annual. If a test shows noncompliance with the sulfur content requirement, then weekly testing shall resume. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
18. The operator of an internal combustion (IC) engine shall maintain daily engine fuel use records and all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
19. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of District Rules 1081 (as amended December 16, 1993), 4201 (as amended December 17, 1992), and 4801 (as amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

20. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of Kern County Rules 108.1, 404, and 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

21. Source testing shall be performed for NOx according to EPA Method 7E (or ARB Method 100); for VOC according to EPA method 18 or 25; and for CO according to ARB Method 100. [District Rule 2520. 9.4.2 and District Rule 4701], [Federally Enforceable Through Title V]

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PERMIT UNIT: S-40-18-1 **EXPIRATION DATE:** 08/31/2003

EQUIPMENT DECRIPTION:
ONE 455 BHP, WAUKESHA MODEL 2895GL TURBOCHARGED, INTERCOOLED, SIX CYLINDER LEAN BURN I. C. ENGINE #402334.

PERMIT UNIT REQUIREMENTS

1. If compliance is demonstrated for 2 consecutive years, testing frequency may be reduced to every 36 months. If the unit fails to demonstrate compliance with emissions limit, the testing frequency shall return to not less than every 12 months. [District Rule 2520, 9.4.2 and District Rule 4701], [Federally Enforceable Through Title V]
2. Engine shall be fired exclusively with PUC quality natural gas with sulfur content not to exceed 0.001 weight percent, calculated as H2S. [District NSR Rule], [Federally Enforceable Through Title V]
3. Natural gas combusted shall not exceed 91,297 scf in any one day without prior District approval. The engine shall be equipped with a fuel gas flow meter/recorder. [District NSR Rule], [Federally Enforceable Through Title V]
4. Emissions of oxides of nitrogen (NOx) shall not exceed 150 ppmv on a dry basis corrected to 15% oxygen. [District 4701, 5.1]
5. Air/fuel ratio shall be maintained and operated to effect compliance with NOx ppmv requirements for this permit unit. [District Rule 4701, 5.4.1]
6. The engine shall be equipped with an automatic air/fuel ratio controller. [District Rule 4701, 5.4.1]
7. Compliance with NOx ppmv requirements for this permit unit shall be demonstrated by District-witnessed sample collection by independent testing laboratory annually 60 days prior to permit anniversary. [District Rule 4701]
8. Particulate matter (PM10) emissions shall not exceed 0.04 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
9. Sulfur compounds emissions (as SO2) shall not exceed 0.01 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
10. Oxides of nitrogen (as NO2) emissions shall not exceed 2.44 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
11. Volatile organic compounds (VOC) emissions shall not exceed 1.22 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
12. Carbon monoxide (CO) emissions shall not exceed 2.44 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
13. All required source testing shall conform to the compliance testing procedures described in District Rule 1081 (as amended December 16, 1993). [District Rule 1081, and County Rules 108 (Kings), 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus), and 110 (Madera)], [Federally Enforceable Through Title V]
14. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. Compliance with this requirement shall be shown by using PUC quality natural gas fuel. [District Rule 4801 and Kern County Rule 407], [Federally Enforceable Through Title V]
15. Particulate emissions shall not exceed at the point of discharge, 0.1 gr/dscf. Compliance with this requirement shall be shown by using PUC quality natural gas fuel. [District Rule 4201; Kern County Rule 404], [Federally Enforceable Through Title V]
16. The sulfur content of the natural gas being fired in the IC engine shall be determined using ASTM method D 1072-80, D 3031-81, D 4084-82 or D 3246-81. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
17. The sulfur content of each fuel source shall be tested weekly. If compliance with the fuel sulfur content limit has been demonstrated for 8 consecutive weeks for a fuel source, then the testing frequency shall be semi-annual. If a test shows noncompliance with the sulfur content requirement, then weekly testing shall resume. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
18. The operator of an internal combustion (IC) engine shall maintain daily engine fuel use records and all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
19. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of District Rules 1081 (as amended December 16, 1993), 4201 (as amended December 17, 1992), and 4801 (as amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

20. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of Kern County Rules 108.1, 404, and 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-40-22-1 **EXPIRATION DATE:** 08/31/2003

EQUIPMENT DECRIPTION:
ONE 84,000 GALLON FIXED ROOF PETROLEUM STORAGE TANK #S012705 WITH VAPOR CONTROL.

PERMIT UNIT REQUIREMENTS

1. The requirements of Kern County Rule 407 do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
2. The tank shall be equipped with a vapor loss prevention system capable of collecting all VOC emissions and preventing their emissions to the atmosphere at an efficiency of at least 95% by weight. The vapor loss prevention system shall send all collected VOC vapors to the South Coles Levee gas plant (permit unit #S-40-1) for processing. [District Rules 2520, 9.1 and 4623, 5.3.1], [Federally Enforceable Through Title V]
3. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a gas-tight cover which shall be closed at all times except during gauging or sampling. Gas-tight shall be defined as emitting no more than 10,000 ppm of methane measured at a distance of one centimeter from the potential source with an instrument calibrated with methane in accordance with EPA Method 21. Emissions in excess of this limit shall be considered a leak. [District Rule 4623, 5.3.2], [Federally Enforceable Through Title V]
4. All piping, valves and fittings shall be constructed and maintained in a gas-tight condition. Gas-tight shall be defined as emitting no more than 10,000 ppm of methane measured at a distance of one centimeter from the potential source with an instrument calibrated with methane in accordance with EPA Method 21. Emissions in excess of this limit shall be considered a leak. [District Rule 4623, 5.3.3], [Federally Enforceable Through Title V]
5. All piping, fittings, and valves shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the leak provisions of this permit. Components located in inaccessible (over 15 feet above ground when access is required from the ground or over 6 feet away from a platform when access is required from the platform) locations shall be inspected at least annually and components located in unsafe areas shall be inspected and repaired at the next process unit turnaround (the scheduled shutdown of a unit for maintenance and repair work). [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
6. If any of the tank components are found to leak during an annual inspection using EPA Method 21, the inspection frequency for that component type shall be changed from annual to quarterly. If no tank components are subsequently found to be leaking during five consecutive inspections, the inspection frequency may be changed from quarterly to annual. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
7. A facility operator, upon detection of a leaking component, shall affix to that component a weatherproof readily visible tag bearing the date on which the leak is detected. The tag shall remain in place until the leaking component is repaired, reinspected and found to be in compliance with the requirements of this rule. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. An operator shall reinspect a component for leaks within thirty working days after the date on which the component is repaired. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. Emissions from components which have been tagged by the facility operator for repair within 15 calendar days or which have been repaired and are awaiting reinspection shall not be in violation of this permit. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. Any component leak shall be repaired to a leak-free condition within fifteen (15) calendar days of detection. The APCO may grant a ten (10) calendar day extension provided the operator demonstrates that necessary and sufficient actions are being taken to correct the leak within this time period. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
11. If the leaking component is an essential part of a critical process unit which cannot be immediately shut down for repairs, the operator shall 1) Minimize the leak within 15 calendar days; and 2) If the leak which has been minimized still exceeds the concentration allowed by this permit, the essential component shall be repaired to eliminate the leak during the next process unit turnaround, but in no case later than one year from the date of the original leak detection. A critical process unit is any process unit which would result in the automatic shutdown of other process units if it were shut down. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
12. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date of leak detection, and method of detection; 3) Date and emission level of recheck after leak is repaired; 4) Identification and location of essential parts of critical process units found leaking that cannot be repaired until the next process unit turnaround; and 5) Method used to minimize the leak from essential parts of critical process units which cannot be repaired until the next process unit turnaround. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

13. Operator shall keep a record of liquids stored in each container, storage temperature and the Reid vapor pressure of such liquids. [District Rule 4623, 6.1], [Federally Enforceable Through Title V]

14. Reid vapor pressure shall be measured using Reid vapor pressure ASTM Method D-323. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

15. Control efficiency shall be determined by a comparison of controlled emissions to those emissions which would occur from a fixed or cone roof tank in the same product service without a vapor recovery system. Emissions shall be determined based on tank emission factors in EPA Publication AP-42, component counts for fugitive emissions sources and recognized emission factors for fugitive emission sources. [District Rule 4623, 6.2.4], [Federally Enforceable Through Title V]

16. All necessary records to demonstrate compliance with the 95% control efficiency requirement for the vapor control system shall be maintained and shall include records necessary to calculate: 1) uncontrolled emissions for the tank and 2) controlled fugitive emissions from components for the tank and control system, up to the gas plant. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

17. The operator shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]

18. Compliance with permit conditions in the Title V permit shall be deemed compliance with SJVUAPCD Rule 4623, formerly 463.2 (as amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

19. The requirements of 40CFR 60 Subpart K, Ka and Kb do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

20. The requirements of SJVUAPCD Rule 4801 (as amended December 17, 1992) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-40-23-2 **EXPIRATION DATE:** 08/31/2003

EQUIPMENT DECRIPTION:
ONE 62,370 GALLON FIXED ROOF PETROLEUM STORAGE TANK #SCLUWT1 WITH VAPOR CONTROL.

PERMIT UNIT REQUIREMENTS

1. The requirements of Kern County Rule 407 do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
2. Tank shall be served by skid mounted vapor control system consisting of 15 hp, two stage vapor compressor, two gas scrubbers, gas cooler, and associated vapor piping. The vapor contol system shall send all collected VOC vapors to the South Coles Levee gas plant (permit unit 3S-40-1) for additional processing. [District NSR Rule and District Rule 2520, 9.1], [Federally Enforceable Through Title V]
3. The tank shall vent only to the vapor control system. [District NSR Rule], [Federally Enforceable Through Title V]
4. The vapor control system shall be capable of collecting all VOC emissions and preventing their emissions to the atmosphere at an efficiency of at least 95% by weight. [District Rules 2520, 9.1 and 4623, 5.3.1], [Federally Enforceable Through Title V]
5. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a gas-tight cover which shall be closed at all times except during gauging or sampling. Gas-tight shall be defined as emitting no more than 10,000 ppm of methane measured at a distance of one centimeter from the potential source with an instrument calibrated with methane in accordance with EPA Method 21. Emissions in excess of this limit shall be considered a leak. [District Rule 4623, 5.3.2], [Federally Enforceable Through Title V]
6. All piping, valves and fittings shall be constructed and maintained in a gas-tight condition. Gas-tight shall be defined as emitting no more than 10,000 ppm of methane measured at a distance of one centimeter from the potential source with an instrument calibrated with methane in accordance with EPA Method 21. Emissions in excess of this limit shall be considered a leak. [District Rule 4623, 5.3.3], [Federally Enforceable Through Title V]
7. All piping, fittings, and valves shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the leak provisions of this permit. Components located in inaccessible (over 15 feet above ground when access is required from the ground or over 6 feet away from a platform when access is required from the platform) locations shall be inspected at least annually and components located in unsafe areas shall be inspected and repaired at the next process unit turnaround (the scheduled shutdown of a unit for maintenance and repair work). [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. If any of the tank components are found to leak during an annual inspection using EPA Method 21, the inspection frequency for that component type shall be changed from annual to quarterly. If no tank components are subsequently found to be leaking during five consecutive inspections, the inspection frequency may be changed from quarterly to annual. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. A facility operator, upon detection of a leaking component, shall affix to that component a weatherproof readily visible tag bearing the date on which the leak is detected. The tag shall remain in place until the leaking component is repaired, reinspected and found to be in compliance with the requirements of this rule. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. An operator shall reinspect a component for leaks within thirty working days after the date on which the component is repaired. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
11. Emissions from components which have been tagged by the facility operator for repair within 15 calendar days or which have been repaired and are awaiting reinspection shall not be in violation of this permit. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
12. Any component leak shall be repaired to a leak-free condition within fifteen (15) calendar days of detection. The APCO may grant a ten (10) calendar day extension provided the operator demonstrates that necessary and sufficient actions are being taken to correct the leak within this time period. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
13. If the leaking component is an essential part of a critical process unit which cannot be immediately shut down for repairs, the operator shall 1) Minimize the leak within 15 calendar days; and 2) If the leak which has been minimized still exceeds the concentration allowed by this permit, the essential component shall be repaired to eliminate the leak during the next process unit turnaround, but in no case later than one year from the date of the original leak detection. A critical process unit is any process unit which would result in the automatic shutdown of other process units if it were shut down. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

14. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date of leak detection, and method of detection; 3) Date and emission level of recheck after leak is repaired; 4) Identification and location of essential parts of critical process units found leaking that cannot be repaired until the next process unit turnaround; and 5) Method used to minimize the leak from essential parts of critical process units which cannot be repaired until the next process unit turnaround. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

15. Operator shall keep a record of liquids stored in each container, storage temperature and the Reid vapor pressure of such liquids. [District Rule 4623, 6.1], [Federally Enforceable Through Title V]

16. Reid vapor pressure shall be measured using Reid vapor pressure ASTM Method D-323. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

17. Control efficiency shall be determined by a comparison of controlled emissions to those emissions which would occur from a fixed or cone roof tank in the same product service without a vapor recovery system. Emissions shall be determined based on tank emission factors in EPA Publication AP-42, component counts for fugitive emissions sources and recognized emission factors for fugitive emission sources. [District Rule 4623, 6.2.4], [Federally Enforceable Through Title V]

18. All necessary records to demonstrate compliance with the 95% control efficiency requirement for the vapor control system shall be maintained and shall include records necessary to calculate: 1) uncontrolled emissions for the tank and 2) controlled fugitive emissions from components for the tank and control system, up to the gas plant. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

19. The operator shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]

20. Compliance with permit conditions in the Title V permit shall be deemed compliance with SJVUAPCD Rule 4623, formerly 463.2 (as amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

21. The requirements of 40CFR 60 Subpart K, Ka and Kb do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

22. The requirements of SJVUAPCD Rule 4801 (as amended December 17, 1992) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-40-24-2 **EXPIRATION DATE:** 08/31/2003

EQUIPMENT DECRIPTION:
ONE 62,370 GALLON FIXED ROOF PETROLEUM STORAGE TANK #SCLUWT2 WITH VAPOR CONTROL.

PERMIT UNIT REQUIREMENTS

1. The requirements of Kern County Rule 407 do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
2. Tank shall vent only to vapor control system listed on permit unit S-40-23. [District NSR Rule], [Federally Enforceable Through Title V]
3. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a gas-tight cover which shall be closed at all times except during gauging or sampling. Gas-tight shall be defined as emitting no more than 10,000 ppm of methane measured at a distance of one centimeter from the potential source with an instrument calibrated with methane in accordance with EPA Method 21. Emissions in excess of this limit shall be considered a leak. [District Rule 4623, 5.3.2], [Federally Enforceable Through Title V]
4. All piping, valves and fittings shall be constructed and maintained in a gas-tight condition. Gas-tight shall be defined as emitting no more than 10,000 ppm of methane measured at a distance of one centimeter from the potential source with an instrument calibrated with methane in accordance with EPA Method 21. Emissions in excess of this limit shall be considered a leak. [District Rule 4623, 5.3.3], [Federally Enforceable Through Title V]
5. All piping, fittings, and valves shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the leak provisions of this permit. Components located in inaccessible (over 15 feet above ground when access is required from the ground or over 6 feet away from a platform when access is required from the platform) locations shall be inspected at least annually and components located in unsafe areas shall be inspected and repaired at the next process unit turnaround (the scheduled shutdown of a unit for maintenance and repair work). [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
6. If any of the tank components are found to leak during an annual inspection using EPA Method 21, the inspection frequency for that component type shall be changed from annual to quarterly. If no tank components are subsequently found to be leaking during five consecutive inspections, the inspection frequency may be changed from quarterly to annual. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
7. A facility operator, upon detection of a leaking component, shall affix to that component a weatherproof readily visible tag bearing the date on which the leak is detected. The tag shall remain in place until the leaking component is repaired, reinspected and found to be in compliance with the requirements of this rule. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. An operator shall reinspect a component for leaks within thirty working days after the date on which the component is repaired. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. Emissions from components which have been tagged by the facility operator for repair within 15 calendar days or which have been repaired and are awaiting reinspection shall not be in violation of this permit. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. Any component leak shall be repaired to a leak-free condition within fifteen (15) calendar days of detection. The APCO may grant a ten (10) calendar day extension provided the operator demonstrates that necessary and sufficient actions are being taken to correct the leak within this time period. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
11. If the leaking component is an essential part of a critical process unit which cannot be immediately shut down for repairs, the operator shall 1) Minimize the leak within 15 calendar days; and 2) If the leak which has been minimized still exceeds the concentration allowed by this permit, the essential component shall be repaired to eliminate the leak during the next process unit turnaround, but in no case later than one year from the date of the original leak detection. A critical process unit is any process unit which would result in the automatic shutdown of other process units if it were shut down. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
12. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date of leak detection, and method of detection; 3) Date and emission level of recheck after leak is repaired; 4) Identification and location of essential parts of critical process units found leaking that cannot be repaired until the next process unit turnaround; and 5) Method used to minimize the leak from essential parts of critical process units which cannot be repaired until the next process unit turnaround. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
13. Operator shall keep a record of liquids stored in each container, storage temperature and the Reid vapor pressure of such liquids. [District Rule 4623, 6.1], [Federally Enforceable Through Title V]

14. Reid vapor pressure shall be measured using Reid vapor pressure ASTM Method D-323. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

15. Control efficiency shall be determined by a comparison of controlled emissions to those emissions which would occur from a fixed or cone roof tank in the same product service without a vapor recovery system. Emissions shall be determined based on tank emission factors in EPA Publication AP-42, component counts for fugitive emissions sources and recognized emission factors for fugitive emission sources. [District Rule 4623, 6.2.4], [Federally Enforceable Through Title V]

16. All necessary records to demonstrate compliance with the 95% control efficiency requirement for the vapor control system shall be maintained and shall include records necessary to calculate: 1) uncontrolled emissions for the tank and 2) controlled fugitive emissions from components for the tank and control system, up to the gas plant. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

17. The operator shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]

18. Compliance with permit conditions in the Title V permit shall be deemed compliance with SJVUAPCD Rule 4623, formerly 463.2 (as amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

19. The requirements of 40CFR 60 Subpart K, Ka and Kb do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

20. The requirements of SJVUAPCD Rule 4801 (as amended December 17, 1992) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

PERMIT UNIT: S-40-25-2 **EXPIRATION DATE:** 08/31/2003

EQUIPMENT DECRIPTION:
ONE 84,000 GALLON FIXED ROOF PETROLEUM STORAGE TANK #12706 WITH VAPOR CONTROL.

PERMIT UNIT REQUIREMENTS

1. The requirements of Kern County Rule 407 do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
2. Tank shall vent only to vapor control system listed on permit unit S-40-23. [District NSR Rule], [Federally Enforceable Through Title V]
3. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a gas-tight cover which shall be closed at all times except during gauging or sampling. Gas-tight shall be defined as emitting no more than 10,000 ppm of methane measured at a distance of one centimeter from the potential source with an instrument calibrated with methane in accordance with EPA Method 21. Emissions in excess of this limit shall be considered a leak. [District Rule 4623, 5.3.2], [Federally Enforceable Through Title V]
4. All piping, valves and fittings shall be constructed and maintained in a gas-tight condition. Gas-tight shall be defined as emitting no more than 10,000 ppm of methane measured at a distance of one centimeter from the potential source with an instrument calibrated with methane in accordance with EPA Method 21. Emissions in excess of this limit shall be considered a leak. [District Rule 4623, 5.3.3], [Federally Enforceable Through Title V]
5. All piping, fittings, and valves shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the leak provisions of this permit. Components located in inaccessible (over 15 feet above ground when access is required from the ground or over 6 feet away from a platform when access is required from the platform) locations shall be inspected at least annually and components located in unsafe areas shall be inspected and repaired at the next process unit turnaround (the scheduled shutdown of a unit for maintenance and repair work). [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
6. If any of the tank components are found to leak during an annual inspection using EPA Method 21, the inspection frequency for that component type shall be changed from annual to quarterly. If no tank components are subsequently found to be leaking during five consecutive inspections, the inspection frequency may be changed from quarterly to annual. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
7. A facility operator, upon detection of a leaking component, shall affix to that component a weatherproof readily visible tag bearing the date on which the leak is detected. The tag shall remain in place until the leaking component is repaired, reinspected and found to be in compliance with the requirements of this rule. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. An operator shall reinspect a component for leaks within thirty working days after the date on which the component is repaired. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. Emissions from components which have been tagged by the facility operator for repair within 15 calendar days or which have been repaired and are awaiting reinspection shall not be in violation of this permit. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. Any component leak shall be repaired to a leak-free condition within fifteen (15) calendar days of detection. The APCO may grant a ten (10) calendar day extension provided the operator demonstrates that necessary and sufficient actions are being taken to correct the leak within this time period. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
11. If the leaking component is an essential part of a critical process unit which cannot be immediately shut down for repairs, the operator shall 1) Minimize the leak within 15 calendar days; and 2) If the leak which has been minimized still exceeds the concentration allowed by this permit, the essential component shall be repaired to eliminate the leak during the next process unit turnaround, but in no case later than one year from the date of the original leak detection. A critical process unit is any process unit which would result in the automatic shutdown of other process units if it were shut down. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
12. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date of leak detection, and method of detection; 3) Date and emission level of recheck after leak is repaired; 4) Identification and location of essential parts of critical process units found leaking that cannot be repaired until the next process unit turnaround; and 5) Method used to minimize the leak from essential parts of critical process units which cannot be repaired until the next process unit turnaround. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
13. Operator shall keep a record of liquids stored in each container, storage temperature and the Reid vapor pressure of such liquids. [District Rule 4623, 6.1], [Federally Enforceable Through Title V]

14. Reid vapor pressure shall be measured using Reid vapor pressure ASTM Method D-323. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

15. Control efficiency shall be determined by a comparison of controlled emissions to those emissions which would occur from a fixed or cone roof tank in the same product service without a vapor recovery system. Emissions shall be determined based on tank emission factors in EPA Publication AP-42, component counts for fugitive emissions sources and recognized emission factors for fugitive emission sources. [District Rule 4623, 6.2.4], [Federally Enforceable Through Title V]

16. All necessary records to demonstrate compliance with the 95% control efficiency requirement for the vapor control system shall be maintained and shall include records necessary to calculate: 1) uncontrolled emissions for the tank and 2) controlled fugitive emissions from components for the tank and control system, up to the gas plant. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

17. The operator shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]

18. Compliance with permit conditions in the Title V permit shall be deemed compliance with SJVUAPCD Rule 4623, formerly 463.2 (as amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

19. The requirements of 40CFR 60 Subpart K, Ka and Kb do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

20. The requirements of SJVUAPCD Rule 4801 (as amended December 17, 1992) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

PERMIT UNIT: S-40-26-2 **EXPIRATION DATE:** 08/31/2003

EQUIPMENT DECRIPTION:
ONE 84,000 GALLON FIXED ROOF PETROLEUM STORAGE TANK #12707 WITH VAPOR CONTROL.

PERMIT UNIT REQUIREMENTS

1. The requirements of Kern County Rule 407 do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
2. Tank shall vent only to vapor control system listed on permit unit S-40-23. [District NSR Rule], [Federally Enforceable Through Title V]
3. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a gas-tight cover which shall be closed at all times except during gauging or sampling. Gas-tight shall be defined as emitting no more than 10,000 ppm of methane measured at a distance of one centimeter from the potential source with an instrument calibrated with methane in accordance with EPA Method 21. Emissions in excess of this limit shall be considered a leak. [District Rule 4623, 5.3.2], [Federally Enforceable Through Title V]
4. All piping, valves and fittings shall be constructed and maintained in a gas-tight condition. Gas-tight shall be defined as emitting no more than 10,000 ppm of methane measured at a distance of one centimeter from the potential source with an instrument calibrated with methane in accordance with EPA Method 21. Emissions in excess of this limit shall be considered a leak. [District Rule 4623, 5.3.3], [Federally Enforceable Through Title V]
5. All piping, fittings, and valves shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the leak provisions of this permit. Components located in inaccessible (over 15 feet above ground when access is required from the ground or over 6 feet away from a platform when access is required from the platform) locations shall be inspected at least annually and components located in unsafe areas shall be inspected and repaired at the next process unit turnaround (the scheduled shutdown of a unit for maintenance and repair work). [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
6. If any of the tank components are found to leak during an annual inspection using EPA Method 21, the inspection frequency for that component type shall be changed from annual to quarterly. If no tank components are subsequently found to be leaking during five consecutive inspections, the inspection frequency may be changed from quarterly to annual. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
7. A facility operator, upon detection of a leaking component, shall affix to that component a weatherproof readily visible tag bearing the date on which the leak is detected. The tag shall remain in place until the leaking component is repaired, reinspected and found to be in compliance with the requirements of this rule. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. An operator shall reinspect a component for leaks within thirty working days after the date on which the component is repaired. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. Emissions from components which have been tagged by the facility operator for repair within 15 calendar days or which have been repaired and are awaiting reinspection shall not be in violation of this permit. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. Any component leak shall be repaired to a leak-free condition within fifteen (15) calendar days of detection. The APCO may grant a ten (10) calendar day extension provided the operator demonstrates that necessary and sufficient actions are being taken to correct the leak within this time period. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
11. If the leaking component is an essential part of a critical process unit which cannot be immediately shut down for repairs, the operator shall 1) Minimize the leak within 15 calendar days; and 2) If the leak which has been minimized still exceeds the concentration allowed by this permit, the essential component shall be repaired to eliminate the leak during the next process unit turnaround, but in no case later than one year from the date of the original leak detection. A critical process unit is any process unit which would result in the automatic shutdown of other process units if it were shut down. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
12. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date of leak detection, and method of detection; 3) Date and emission level of recheck after leak is repaired; 4) Identification and location of essential parts of critical process units found leaking that cannot be repaired until the next process unit turnaround; and 5) Method used to minimize the leak from essential parts of critical process units which cannot be repaired until the next process unit turnaround. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
13. Operator shall keep a record of liquids stored in each container, storage temperature and the Reid vapor pressure of such liquids. [District Rule 4623, 6.1], [Federally Enforceable Through Title V]

14. Reid vapor pressure shall be measured using Reid vapor pressure ASTM Method D-323. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

15. Control efficiency shall be determined by a comparison of controlled emissions to those emissions which would occur from a fixed or cone roof tank in the same product service without a vapor recovery system. Emissions shall be determined based on tank emission factors in EPA Publication AP-42, component counts for fugitive emissions sources and recognized emission factors for fugitive emission sources. [District Rule 4623, 6.2.4], [Federally Enforceable Through Title V]

16. All necessary records to demonstrate compliance with the 95% control efficiency requirement for the vapor control system shall be maintained and shall include records necessary to calculate: 1) uncontrolled emissions for the tank and 2) controlled fugitive emissions from components for the tank and control system, up to the gas plant. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

17. The operator shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]

18. Compliance with permit conditions in the Title V permit shall be deemed compliance with SJVUAPCD Rule 4623, formerly 463.2 (as amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

19. The requirements of 40CFR 60 Subpart K, Ka and Kb do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

20. The requirements of SJVUAPCD Rule 4801 (as amended December 17, 1992) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-40-27-2 **EXPIRATION DATE:** 08/31/2003

EQUIPMENT DECRIPTION:
ONE 84,000 GALLON FIXED ROOF PETROLEUM STORAGE TANK #12708 WITH VAPOR CONTROL.

PERMIT UNIT REQUIREMENTS

1. The requirements of Kern County Rule 407 do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
2. Tank shall vent only to vapor control system listed on permit unit S-40-23. [District NSR Rule], [Federally Enforceable Through Title V]
3. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a gas-tight cover which shall be closed at all times except during gauging or sampling. Gas-tight shall be defined as emitting no more than 10,000 ppm of methane measured at a distance of one centimeter from the potential source with an instrument calibrated with methane in accordance with EPA Method 21. Emissions in excess of this limit shall be considered a leak. [District Rule 4623, 5.3.2], [Federally Enforceable Through Title V]
4. All piping, valves and fittings shall be constructed and maintained in a gas-tight condition. Gas-tight shall be defined as emitting no more than 10,000 ppm of methane measured at a distance of one centimeter from the potential source with an instrument calibrated with methane in accordance with EPA Method 21. Emissions in excess of this limit shall be considered a leak. [District Rule 4623, 5.3.3], [Federally Enforceable Through Title V]
5. All piping, fittings, and valves shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the leak provisions of this permit. Components located in inaccessible (over 15 feet above ground when access is required from the ground or over 6 feet away from a platform when access is required from the platform) locations shall be inspected at least annually and components located in unsafe areas shall be inspected and repaired at the next process unit turnaround (the scheduled shutdown of a unit for maintenance and repair work). [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
6. If any of the tank components are found to leak during an annual inspection using EPA Method 21, the inspection frequency for that component type shall be changed from annual to quarterly. If no tank components are subsequently found to be leaking during five consecutive inspections, the inspection frequency may be changed from quarterly to annual. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
7. A facility operator, upon detection of a leaking component, shall affix to that component a weatherproof readily visible tag bearing the date on which the leak is detected. The tag shall remain in place until the leaking component is repaired, reinspected and found to be in compliance with the requirements of this rule. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. An operator shall reinspect a component for leaks within thirty working days after the date on which the component is repaired. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. Emissions from components which have been tagged by the facility operator for repair within 15 calendar days or which have been repaired and are awaiting reinspection shall not be in violation of this permit. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. Any component leak shall be repaired to a leak-free condition within fifteen (15) calendar days of detection. The APCO may grant a ten (10) calendar day extension provided the operator demonstrates that necessary and sufficient actions are being taken to correct the leak within this time period. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
11. If the leaking component is an essential part of a critical process unit which cannot be immediately shut down for repairs, the operator shall 1) Minimize the leak within 15 calendar days; and 2) If the leak which has been minimized still exceeds the concentration allowed by this permit, the essential component shall be repaired to eliminate the leak during the next process unit turnaround, but in no case later than one year from the date of the original leak detection. A critical process unit is any process unit which would result in the automatic shutdown of other process units if it were shut down. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
12. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date of leak detection, and method of detection; 3) Date and emission level of recheck after leak is repaired; 4) Identification and location of essential parts of critical process units found leaking that cannot be repaired until the next process unit turnaround; and 5) Method used to minimize the leak from essential parts of critical process units which cannot be repaired until the next process unit turnaround. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
13. Operator shall keep a record of liquids stored in each container, storage temperature and the Reid vapor pressure of such liquids. [District Rule 4623, 6.1], [Federally Enforceable Through Title V]

14. Reid vapor pressure shall be measured using Reid vapor pressure ASTM Method D-323. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

15. Control efficiency shall be determined by a comparison of controlled emissions to those emissions which would occur from a fixed or cone roof tank in the same product service without a vapor recovery system. Emissions shall be determined based on tank emission factors in EPA Publication AP-42, component counts for fugitive emissions sources and recognized emission factors for fugitive emission sources. [District Rule 4623, 6.2.4], [Federally Enforceable Through Title V]

16. All necessary records to demonstrate compliance with the 95% control efficiency requirement for the vapor control system shall be maintained and shall include records necessary to calculate: 1) uncontrolled emissions for the tank and 2) controlled fugitive emissions from components for the tank and control system, up to the gas plant. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

17. The operator shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]

18. Compliance with permit conditions in the Title V permit shall be deemed compliance with SJVUAPCD Rule 4623, formerly 463.2 (as amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

19. The requirements of 40CFR 60 Subpart K, Ka and Kb do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

20. The requirements of SJVUAPCD Rule 4801 (as amended December 17, 1992) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

PERMIT UNIT: S-40-28-2 **EXPIRATION DATE:** 08/31/2003

EQUIPMENT DECRIPTION:
ONE 84,000 GALLON FIXED ROOF PETROLEUM STORAGE TANK #12709 WITH VAPOR CONTROL.

PERMIT UNIT REQUIREMENTS

1. The requirements of Kern County Rule 407 do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
2. Tank shall vent only to vapor control system listed on permit unit S-40-23. [District NSR Rule], [Federally Enforceable Through Title V]
3. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a gas-tight cover which shall be closed at all times except during gauging or sampling. Gas-tight shall be defined as emitting no more than 10,000 ppm of methane measured at a distance of one centimeter from the potential source with an instrument calibrated with methane in accordance with EPA Method 21. Emissions in excess of this limit shall be considered a leak. [District Rule 4623, 5.3.2], [Federally Enforceable Through Title V]
4. All piping, valves and fittings shall be constructed and maintained in a gas-tight condition. Gas-tight shall be defined as emitting no more than 10,000 ppm of methane measured at a distance of one centimeter from the potential source with an instrument calibrated with methane in accordance with EPA Method 21. Emissions in excess of this limit shall be considered a leak. [District Rule 4623, 5.3.3], [Federally Enforceable Through Title V]
5. All piping, fittings, and valves shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the leak provisions of this permit. Components located in inaccessible (over 15 feet above ground when access is required from the ground or over 6 feet away from a platform when access is required from the platform) locations shall be inspected at least annually and components located in unsafe areas shall be inspected and repaired at the next process unit turnaround (the scheduled shutdown of a unit for maintenance and repair work). [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
6. If any of the tank components are found to leak during an annual inspection using EPA Method 21, the inspection frequency for that component type shall be changed from annual to quarterly. If no tank components are subsequently found to be leaking during five consecutive inspections, the inspection frequency may be changed from quarterly to annual. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
7. A facility operator, upon detection of a leaking component, shall affix to that component a weatherproof readily visible tag bearing the date on which the leak is detected. The tag shall remain in place until the leaking component is repaired, reinspected and found to be in compliance with the requirements of this rule. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. An operator shall reinspect a component for leaks within thirty working days after the date on which the component is repaired. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. Emissions from components which have been tagged by the facility operator for repair within 15 calendar days or which have been repaired and are awaiting reinspection shall not be in violation of this permit. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. Any component leak shall be repaired to a leak-free condition within fifteen (15) calendar days of detection. The APCO may grant a ten (10) calendar day extension provided the operator demonstrates that necessary and sufficient actions are being taken to correct the leak within this time period. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
11. If the leaking component is an essential part of a critical process unit which cannot be immediately shut down for repairs, the operator shall 1) Minimize the leak within 15 calendar days; and 2) If the leak which has been minimized still exceeds the concentration allowed by this permit, the essential component shall be repaired to eliminate the leak during the next process unit turnaround, but in no case later than one year from the date of the original leak detection. A critical process unit is any process unit which would result in the automatic shutdown of other process units if it were shut down. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
12. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date of leak detection, and method of detection; 3) Date and emission level of recheck after leak is repaired; 4) Identification and location of essential parts of critical process units found leaking that cannot be repaired until the next process unit turnaround; and 5) Method used to minimize the leak from essential parts of critical process units which cannot be repaired until the next process unit turnaround. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
13. Operator shall keep a record of liquids stored in each container, storage temperature and the Reid vapor pressure of such liquids. [District Rule 4623, 6.1], [Federally Enforceable Through Title V]

14. Reid vapor pressure shall be measured using Reid vapor pressure ASTM Method D-323. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

15. Control efficiency shall be determined by a comparison of controlled emissions to those emissions which would occur from a fixed or cone roof tank in the same product service without a vapor recovery system. Emissions shall be determined based on tank emission factors in EPA Publication AP-42, component counts for fugitive emissions sources and recognized emission factors for fugitive emission sources. [District Rule 4623, 6.2.4], [Federally Enforceable Through Title V]

16. All necessary records to demonstrate compliance with the 95% control efficiency requirement for the vapor control system shall be maintained and shall include records necessary to calculate: 1) uncontrolled emissions for the tank and 2) controlled fugitive emissions from components for the tank and control system, up to the gas plant. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

17. The operator shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]

18. Compliance with permit conditions in the Title V permit shall be deemed compliance with SJVUAPCD Rule 4623, formerly 463.2 (as amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

19. The requirements of 40CFR 60 Subpart K, Ka and Kb do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

20. The requirements of SJVUAPCD Rule 4801 (as amended December 17, 1992) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-40-29-2 **EXPIRATION DATE:** 08/31/2003

EQUIPMENT DECRIPTION:
ONE 84,000 GALLON FIXED ROOF PETROLEUM STORAGE TANK #12710 WITH VAPOR CONTROL.

PERMIT UNIT REQUIREMENTS

1. The requirements of Kern County Rule 407 do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
2. Tank shall vent only to vapor control system listed on permit unit S-40-23. [District NSR Rule], [Federally Enforceable Through Title V]
3. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a gas-tight cover which shall be closed at all times except during gauging or sampling. Gas-tight shall be defined as emitting no more than 10,000 ppm of methane measured at a distance of one centimeter from the potential source with an instrument calibrated with methane in accordance with EPA Method 21. Emissions in excess of this limit shall be considered a leak. [District Rule 4623, 5.3.2], [Federally Enforceable Through Title V]
4. All piping, valves and fittings shall be constructed and maintained in a gas-tight condition. Gas-tight shall be defined as emitting no more than 10,000 ppm of methane measured at a distance of one centimeter from the potential source with an instrument calibrated with methane in accordance with EPA Method 21. Emissions in excess of this limit shall be considered a leak. [District Rule 4623, 5.3.3], [Federally Enforceable Through Title V]
5. All piping, fittings, and valves shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the leak provisions of this permit. Components located in inaccessible (over 15 feet above ground when access is required from the ground or over 6 feet away from a platform when access is required from the platform) locations shall be inspected at least annually and components located in unsafe areas shall be inspected and repaired at the next process unit turnaround (the scheduled shutdown of a unit for maintenance and repair work). [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
6. If any of the tank components are found to leak during an annual inspection using EPA Method 21, the inspection frequency for that component type shall be changed from annual to quarterly. If no tank components are subsequently found to be leaking during five consecutive inspections, the inspection frequency may be changed from quarterly to annual. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
7. A facility operator, upon detection of a leaking component, shall affix to that component a weatherproof readily visible tag bearing the date on which the leak is detected. The tag shall remain in place until the leaking component is repaired, reinspected and found to be in compliance with the requirements of this rule. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. An operator shall reinspect a component for leaks within thirty working days after the date on which the component is repaired. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. Emissions from components which have been tagged by the facility operator for repair within 15 calendar days or which have been repaired and are awaiting reinspection shall not be in violation of this permit. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. Any component leak shall be repaired to a leak-free condition within fifteen (15) calendar days of detection. The APCO may grant a ten (10) calendar day extension provided the operator demonstrates that necessary and sufficient actions are being taken to correct the leak within this time period. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
11. If the leaking component is an essential part of a critical process unit which cannot be immediately shut down for repairs, the operator shall 1) Minimize the leak within 15 calendar days; and 2) If the leak which has been minimized still exceeds the concentration allowed by this permit, the essential component shall be repaired to eliminate the leak during the next process unit turnaround, but in no case later than one year from the date of the original leak detection. A critical process unit is any process unit which would result in the automatic shutdown of other process units if it were shut down. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
12. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date of leak detection, and method of detection; 3) Date and emission level of recheck after leak is repaired; 4) Identification and location of essential parts of critical process units found leaking that cannot be repaired until the next process unit turnaround; and 5) Method used to minimize the leak from essential parts of critical process units which cannot be repaired until the next process unit turnaround. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
13. Operator shall keep a record of liquids stored in each container, storage temperature and the Reid vapor pressure of such liquids. [District Rule 4623, 6.1], [Federally Enforceable Through Title V]

14. Reid vapor pressure shall be measured using Reid vapor pressure ASTM Method D-323. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

15. Control efficiency shall be determined by a comparison of controlled emissions to those emissions which would occur from a fixed or cone roof tank in the same product service without a vapor recovery system. Emissions shall be determined based on tank emission factors in EPA Publication AP-42, component counts for fugitive emissions sources and recognized emission factors for fugitive emission sources. [District Rule 4623, 6.2.4], [Federally Enforceable Through Title V]

16. All necessary records to demonstrate compliance with the 95% control efficiency requirement for the vapor control system shall be maintained and shall include records necessary to calculate: 1) uncontrolled emissions for the tank and 2) controlled fugitive emissions from components for the tank and control system, up to the gas plant. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

17. The operator shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]

18. Compliance with permit conditions in the Title V permit shall be deemed compliance with SJVUAPCD Rule 4623, formerly 463.2 (as amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

19. The requirements of 40CFR 60 Subpart K, Ka and Kb do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

20. The requirements of SJVUAPCD Rule 4801 (as amended December 17, 1992) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-40-30-2 **EXPIRATION DATE:** 08/31/2003

EQUIPMENT DECRIPTION:
ONE 5,040 GALLON FIXED ROOF STORAGE TANK (BATTERY 11) WITH VAPOR CONTROL.

PERMIT UNIT REQUIREMENTS

1. The requirements of Kern County Rule 407 do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
2. Tank shall vent only to vapor control system listed on permit unit S-40-23. [District NSR Rule], [Federally Enforceable Through Title V]
3. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a gas-tight cover which shall be closed at all times except during gauging or sampling. Gas-tight shall be defined as emitting no more than 10,000 ppm of methane measured at a distance of one centimeter from the potential source with an instrument calibrated with methane in accordance with EPA Method 21. Emissions in excess of this limit shall be considered a leak. [District NSR Rule], [Federally Enforceable Through Title V]
4. All piping, valves and fittings of the vapor recovery sytem shall be constructed and maintained in a gas-tight condition. Gas-tight shall be defined as emitting no more than 10,000 ppm of methane measured at a distance of one centimeter from the potential source with an instrument calibrated with methane in accordance with EPA Method 21. Emissions in excess of this limit shall be considered a leak. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
5. All piping, fittings, and valves shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the leak provisions of this permit. Components located in inaccessible (over 15 feet above ground when access is required from the ground or over 6 feet away from a platform when access is required from the platform) locations shall be inspected at least annually and components located in unsafe areas shall be inspected and repaired at the next process unit turnaround (the scheduled shutdown of a unit for maintenance and repair work). [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
6. If any of the tank components are found to leak during an annual inspection using EPA Method 21, the inspection frequency for that component type shall be changed from annual to quarterly. If no tank components are subsequently found to be leaking during five consecutive inspections, the inspection frequency may be changed from quarterly to annual. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
7. A facility operator, upon detection of a leaking component, shall affix to that component a weatherproof readily visible tag bearing the date on which the leak is detected. The tag shall remain in place until the leaking component is repaired, reinspected and found to be in compliance with the requirements of this rule. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. An operator shall reinspect a component for leaks within thirty working days after the date on which the component is repaired. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. Emissions from components which have been tagged by the facility operator for repair within 15 calendar days or which have been repaired and are awaiting reinspection shall not be in violation of this permit. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. Any component leak shall be repaired to a leak-free condition within fifteen (15) calendar days of detection. The APCO may grant a ten (10) calendar day extension provided the operator demonstrates that necessary and sufficient actions are being taken to correct the leak within this time period. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
11. If the leaking component is an essential part of a critical process unit which cannot be immediately shut down for repairs, the operator shall 1) Minimize the leak within 15 calendar days; and 2) If the leak which has been minimized still exceeds the concentration allowed by this permit, the essential component shall be repaired to eliminate the leak during the next process unit turnaround, but in no case later than one year from the date of the original leak detection. A critical process unit is any process unit which would result in the automatic shutdown of other process units if it were shut down. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
12. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date of leak detection, and method of detection; 3) Date and emission level of recheck after leak is repaired; 4) Identification and location of essential parts of critical process units found leaking that cannot be repaired until the next process unit turnaround; and 5) Method used to minimize the leak from essential parts of critical process units which cannot be repaired until the next process unit turnaround. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
13. Operator shall keep a record of liquids stored in each container, storage temperature and the Reid vapor pressure of such liquids. [District NSR Rule], [Federally Enforceable Through Title V]

14. Reid vapor pressure shall be measured using Reid vapor pressure ASTM Method D-323. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

15. Control efficiency shall be determined by a comparison of controlled emissions to those emissions which would occur from a fixed or cone roof tank in the same product service without a vapor recovery system. Emissions shall be determined based on tank emission factors in EPA Publication AP-42, component counts for fugitive emissions sources and recognized emission factors for fugitive emission sources. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

16. All necessary records to demonstrate compliance with the 95% control efficiency requirement for the vapor control system shall be maintained and shall include records necessary to calculate: 1) uncontrolled emissions for the tank and 2) controlled fugitive emissions from components for the tank and control system, up to the gas plant. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

17. The operator shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]

18. The requirements of District Rules 4623, formerly 463.2 (as amended December 17, 1992 and 4801 (as amended December 17, 1992) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

19. The requirements of 40CFR 60 Subpart K, Ka and Kb do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-40-48-2 **EXPIRATION DATE:** 08/31/2003

EQUIPMENT DECRIPTION:
ONE 1000 GALLON BRE PRODUCTS (ENVIRO-VAULT) ABOVEGROUND TANK SERVED BY PHASE I VAPOR CONTROL SYSTEM AND 1 NOZZLES SERVED BY PHASE II VAPOR CONTROL SYSTEM (G-70-129).

PERMIT UNIT REQUIREMENTS

1. The gasoline storage tank must be equipped with a permanent submerged fill pipe and an ARB certified Phase I vapor recovery system which prevents at least 95% by weight of all gasoline vapors displaced during the filling of storage tanks from entering the atmosphere. The transfer of gasoline from any delivery vessel to any stationary storage container with 250 gallon capacity or more shall not be allowed unless the container is equipped with an ARB certified Phase 1 system and maintained and operated according to manufacturer's specifications. [District Rule 4621, 3.1 and 5.1.1], [Federally Enforceable Through Title V]
2. No gasoline delivery vessel shall be operated or be allowed to operate unless valid State of California decals are displayed on the cargo tank which attest to the vapor integrity of the tank. [District Rule 4621, 5.2.1], [Federally Enforceable Through Title V]
3. Each aboveground storage tank shall be equipped with a pressure-vacuum valve set to within 10% of the maximum allowable working pressure of the tank. No gasoline shall be placed, stored, or held in any above-ground tank of 250 gallon capacity or more unless it is so equipped. [District Rule 4621, 5.1.2; 4623, 5.4], [Federally Enforceable Through Title V]
4. The dispensing system shall be equipped with an ARB certified Phase II vapor recovery system which shall prevent at least 95% by weight of all gasoline vapors displaced during refueling of vehicles from entering the atmosphere. [District Rule 4622, 5.1], [Federally Enforceable Through Title V]
5. The ARB certified vapor recovery system and all of its components shall be maintained in good repair. Any ARB certified gasoline vapor recovery system, which has been installed and has been issued a permit to operate, shall not be removed regardless of the amount of gasoline dispensed or how the gasoline is delivered to the facility. [District Rule 4622, 5.3], [Federally Enforceable Through Title V]
6. No gasoline shall be transferred into vehicle fuel tanks if the vapor recovery system contains any defect listed in Section 94006 of Title 17 of the California Code of Regulations or in Section 5.4 of SJVUAPCD Rule 4622 (as amended February 17, 1994) until the defect has been repaired, replaced, or adjusted as necessary to correct the defect, and the District has reinspected the system or has authorized its use pending reinspection. [District Rule 4622, 5.4], [Federally Enforceable Through Title V]
7. Any defects identified shall be tagged "Out of Order"; the tagged equipment shall be rendered inoperable and the tag(s) shall not be removed until the defect has been repaired, replaced or adjusted. In the case of defects identified by the District, tagged equipment shall be rendered inoperable and the tag shall not be removed until the District has been notified of the repairs, and/or the District has inspected and authorized the tagged equipment for use. A log containing at least the following shall be maintained: date and type of defect identified and date repaired, replaced or corrected. [District Rules 2520, 9.4.2 and 4622, 5.5], [Federally Enforceable Through Title V]
8. Vapor recovery systems and gasoline dispensing equipment shall be maintained leak-free as verified using EPA Test Method 21 and visual inspection. Leak testing shall be performed at least annually and within 60 days of all major modifications. For this condition, a major modification is considered to be replacing, repairing, or upgrading 75% or more of the certified system. A leak is defined as the dripping at a rate of more than three (3) drops per minute of liquid containing VOCs or a reading as methane in excess of 10,000 ppm as determined using EPA Method 21. [District Rules 2520, 9.4.2 and 4622, 3.6, 5.6], [Federally Enforceable Through Title V]
9. Each operator shall maintain a leak inspection log containing, at a minimum, the following: inspector's name, location and description of component type where any leak is found; date of leak detection, emission level (ppm) if applicable, and date leak is repaired. Records in the log shall be retained for a period of at least 5 years. [District Rule 2520, 9.4.2 and 9.5.2], [Federally Enforceable Through Title V]
10. No person shall top off a motor vehicle fuel tank. [District Rule 4622, 5.9], [Federally Enforceable Through Title V]
11. No owner or operator shall tamper with, or permit tampering with, the ARB certified vapor recovery system in a manner that would impair the operation or effectiveness of the system. [District Rule 4622, 5.11], [Federally Enforceable Through Title V]
12. The vapor recovery system and its components shall be operated and maintained in accordance with the state certification requirements. [District NSR Rule; District Rule 4622, 5.1], [Federally Enforceable Through Title V]
13. Each vapor recovery system shall be performance tested for compliance and the facility shall notify the District at least 15 days prior to any compliance testing. The test results shall be submitted to the District no later than 30 days after each test. [District NSR Rule; District Rule 4622, 6.2], [Federally Enforceable Through Title V]

14. Each ARB certified vapor recovery system shall be performance tested within 60 days of major modification or installation, except as otherwise allowed by this permit. For this condition, a major modification is considered to be replacing, repairing, or upgrading 75% or more of the certified system. [District Rule 4622, 6.2.2], [Federally Enforceable Through Title V]

15. Compliance with the requirement of the Phase II system to be 95% effective for displaced vapors is considered to be demonstrated by passing performance tests, at least once every 5 years from the date of the most recent test, or at more frequent intervals, as specified by the ARB Executive Order certifying the system. Facilities that have not been performance tested previously, using the following applicable methods, shall be tested in accordance with BAAQMD Source Test Procedures ST-27 (Dynamic Back Pressure) and ST-38 (Static Leak Test Procedure-Aboveground Tanks) no later than December 31, 1998. [District NSR Rule; District Rule 4622, 5.2, 6.2, 6.3], [Federally Enforceable Through Title V]

16. Results of all Dynamic Back-Pressure and Static Leak Test Procedure-Aboveground Tanks tests shall be maintained. [District Rule 4622, 6.1.3], [Federally Enforceable Through Title V]

17. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rules 4621 (as amended May 20, 1993), 4622 (as amended February 17, 1994), and 4623, section 5.4 (as amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

18. The requirements of Kern County Rule 413 do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

19. The requirements of District Rules 4623, except section 5.4 (as amended December 17, 1992) and 4624 (as amended December 17, 1992) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-40-49-1 **EXPIRATION DATE:** 08/31/2003

EQUIPMENT DECRIPTION:
66 HP NATURAL GAS FIRED EMERGENCY FIRE WATER PUMP ICE

PERMIT UNIT REQUIREMENTS

1. The engine shall be operated only for maintenance, testing, and required regulatory purposes, and during emergency situations. Operation of the engine for maintenance and testing purposes shall not exceed 200 hours per year. [District Rule 4701]
2. The permittee shall maintain records of hours of non-emergency operation and shall make such records available for District inspection upon request for a period of two years. [District Rule 4701 and 1070]
3. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. Compliance with this requirement shall be shown by using PUC quality natural gas fuel. [District Rule 4801 and Kern County Rule 407], [Federally Enforceable Through Title V]
4. Particulate emissions shall not exceed at the point of discharge, 0.1 gr/dscf. Compliance with this requirement shall be shown by using PUC quality natural gas fuel. [District Rule 4201; Kern County Rule 404], [Federally Enforceable Through Title V]
5. Unit shall be fired only on PUC quality natural gas with a sulfur content of less than or equal to 0.017% by weight. [District Rules 2520, 9.4.2 and 4801; Kern County Rule 407], [Federally Enforceable Through Title V]
6. The sulfur content of the natural gas being fired in the IC engine shall be determined using ASTM method D 1072-80, D 3031-81, D 4084-82 or D 3246-81. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
7. The sulfur content of each fuel source shall be tested weekly except that if compliance with the fuel sulfur content limit has been demonstrated for 8 consecutive weeks for a fuel source, then thetesting frequency shall be quarterly. If a test shows noncompliance with the sulfur content requirement, the source must return to weekly testing until eight consecutive weeks show compliance. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
9. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of District Rules 4201 (as amended December 17, 1992) and 4801 (as amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
10. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of Kern County Rules 404 and 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-40-50-1 **EXPIRATION DATE:** 08/31/2003

EQUIPMENT DECRIPTION:
39,753 GALLON NATURAL GASOLINE STORAGE TANK (#V-820) WITH VAPOR RECOVERY AND EMERGENCY RELIEF VALVE

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. Tank shall be maintained under working pressure sufficient at all times to prevent organic liquid loss or VOC loss to the atmosphere (required to be considered exempt from Rule 4623). [District Rule 4623], [Federally Enforceable Through Title V]
3. Components associated with permit units S-40-2, -50 and -51, combined, are subject to the leak detection limits of District Rule 4403. [District Rule 4403, 2.0 and 3.3.2], [Federally Enforceable Through Title V]
4. A leak is defined as the dripping at a rate of more than three (3) drops per minute of liquid containing VOCs or a reading as methane in excess of 10,000 ppm above background when measured at a distance of one (1) centimeter from the potential source in accordance with EPA Method 21. [District Rule 4403, 3.3.1], [Federally Enforceable Through Title V]
5. The instrument used for leak detection shall be calibrated before use each day of its use by the procedures specified in Method 21 using the following calibration gases: A) zero air (less than 10 ppm of hydrocarbon in air) and B) mixture of methane and air at a concentration of about, but less than 10,000 ppm methane. [District Rule 4403, 3.3.1], [Federally Enforceable Through Title V]
6. Each hatch shall be closed at all times except during sampling or attended maintenance operations. [District Rule 4403, 5.2.1], [Federally Enforceable Through Title V]
7. All components handling VOCs shall be inspected at least quarterly to detect any leaks, excluding flanges and threaded connections. If less than two (2) percent of any component type subject to the prohibitions for this permit unit, except for pressure relief valves, are found to leak during each of five (5) consecutive quarterly inspections, the inspection frequency for that component type may be changed from quarterly to annual. If any annual inspection shows that two (2) percent or more of all of a specific component type are leaking, then quarterly inspections of that component type shall be resumed. All flanges and threaded connections handling VOCs shall be inspected at least annually to detect any leaks. [District Rule 4403, 5.2.3], [Federally Enforceable Through Title V]
8. Each open-ended line shall be sealed with two (2) valves, a blind flange, a cap or a plug except when open end is in use. [District Rule 4403, 5.2.2], [Federally Enforceable Through Title V]
9. Components that are located in inaccessible locations or in areas unsafe for personnel shall be inspected and repaired at least annually and during shutdown, and such components shall be identified in the operator management plan. [District Rule 4403, 5.2.4], [Federally Enforceable Through Title V]
10. Each pressure relief valve shall be inspected for leaks within one (1) working day after venting to atmosphere. [District Rule 4403, 5.2.6], [Federally Enforceable Through Title V]
11. Any leaking component shall be identified by the operator affixing a weatherproof, readily visible tag bearing the date on which the leak is detected. The tag shall remain in place until repair and re-inspection document compliance with the requirements of this permit. [District Rule 4403, 5.2.7], [Federally Enforceable Through Title V]
12. Any leak detected on the basis of sight, smell, or sound shall be identified by the operator affixing a weatherproof readily visible tag bearing the date on which the leak is detected. The tag shall remain in place until repair and reinspection document compliance, whether or not operator inspection is otherwise required by this permit. [District Rule 4403, 5.2.8], [Federally Enforceable Through Title V]
13. Any leaking component and any leak shall be repaired to a leak-free condition and reinspected within 15 calendar days. [District Rule 4403, 5.2.9], [Federally Enforceable Through Title V]
14. The number of leaks of a component type shall not exceed one component or two (2) percent of the total number of components of that type that were inspected and that are subject to the requirements for this permit unit, whichever is greater. For inspections conducted by District personnel to determine compliance with this requirement, the number of components inspected shall constitute a statistically representative sample for each component type. [District Rule 4403, 5.2.10], [Federally Enforceable Through Title V]
15. Any component leak shall be repaired to a leak-free condition within fifteen (15) calendar days of detection. The APCO may grant a ten (10) calendar day extension provided the operator demonstrates that necessary and sufficient actions are being taken to correct the leak within this time period. [District Rule 4403, 5.3.1], [Federally Enforceable Through Title V]

16. If the leaking component is an essential part of a critical process identified in the operator management plan and which cannot be immediately shut down for repairs, the operator shall minimize the leak within 15 calendar days. If the leak which has been minimized still exceeds the limit in this permit, the essential component shall be repaired to eliminate the leak during the next process unit turnaround, but in no case later than one year from the date of the original leak detection. [District Rule 4403, 5.3.1.1], [Federally Enforceable Through Title V]

17. Any component leak identified by a Notice to Repair issued by the District shall be repaired and re-inspected as specified in District Rule 4403, 5.2.7, 5 .2.8 and 5.2.9 (as amended February 16, 1995). [District Rule 4403, 5.3.2], [Federally Enforceable Through Title V]

18. Each operator shall maintain an inspection log containing, at a minimum, the following: name, location, type of components, and description of any unit where leaking components are found; date of leak detection, emission level (ppm) of leak, and method of detection; date and emission level of recheck after leak is repaired; total number of components inspected, and total number and percen tage of leaking components found; Identification and location of essential parts of critical process units found leaking that cannot be repaired until the next process unit turnaround; and method used to minimize the leak from essential parts of critical process units which cannot be repaired until the next process unit turnaround. [District Rule 4403, 6.2.1], [Federally Enforceable Through Title V]

19. Copies of the inspection log shall be retained by the operator for a minimum of five years after the date of an entry and shall be made available upon request to District personnel. [District Rules 2520, 9.5 and 4403, 6.2.3], [Federally Enforceable Through Title V]

20. Leak detection shall be performed in accordance with EPA Method 21. [District Rule 4403, 6.3.4], [Federally Enforceable Through Title V]

21. Operator shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]

22. A new or modified operator mangement plan shall be submitted to the APCO with any application for Authority to Construct for modification of this permit unit. [District Rule 4403, 6.1.2], [Federally Enforceable Through Title V]

23. Compliance with permit conditions in the Title V permit shall be deemed compliance with SJVUAPCD Rule 4403 (amended February 16, 1995), formerly District Rule 465.3. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

24. The requirements of District Rule 4623 (as amended December 17, 1992) do not apply to the permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

25. The requirements of 40 CFR 60, Subpart KKK, do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-40-51-1 **EXPIRATION DATE:** 08/31/2003

EQUIPMENT DECRIPTION:
39,838 GALLON NATURAL GASOLINE STORAGE TANK (#V-830) WITH VAPOR RECOVERY AND EMERGENCY RELIEF VALVE

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. Tank shall be maintained under working pressure sufficient at all times to prevent organic liquid loss or VOC loss to the atmosphere (required to be considered exempt from Rule 4623). [District Rule 4623], [Federally Enforceable Through Title V]
3. Components associated with permit units S-40-2, -50 and -51, combined, are subject to the leak detection limits of District Rule 4403. [District Rule 4403, 2.0 and 3.3.2], [Federally Enforceable Through Title V]
4. A leak is defined as the dripping at a rate of more than three (3) drops per minute of liquid containing VOCs or a reading as methane in excess of 10,000 ppm above background when measured at a distance of one (1) centimeter from the potential source in accordance with EPA Method 21. [District Rule 4403, 3.3.1], [Federally Enforceable Through Title V]
5. The instrument used for leak detection shall be calibrated before use each day of its use by the procedures specified in Method 21 using the following calibration gases: A) zero air (less than 10 ppm of hydrocarbon in air) and B) mixture of methane and air at a concentration of about, but less than 10,000 ppm methane. [District Rule 4403, 3.3.1], [Federally Enforceable Through Title V]
6. Each hatch shall be closed at all times except during sampling or attended maintenance operations. [District Rule 4403, 5.2.1], [Federally Enforceable Through Title V]
7. All components handling VOCs shall be inspected at least quarterly to detect any leaks, excluding flanges and threaded connections. If less than two (2) percent of any component type subject to the prohibitions for this permit unit and permit unit S-40-1, except for pressure relief valves, are found to leak during each of five (5) consecutive quarterly inspections, the inspection frequency for that component type may be changed from quarterly to annual. If any annual inspection shows that two (2) percent or more of all of a specific component type are leaking, then quarterly inspections of that component type shall be resumed. All flanges and threaded connections handling VOCs shall be inspected at least annually to detect any leaks. [District Rule 4403, 5.2.3], [Federally Enforceable Through Title V]
8. Each open-ended line shall be sealed with two (2) valves, a blind flange, a cap or a plug except when open end is in use. [District Rule 4403, 5.2.2], [Federally Enforceable Through Title V]
9. Components that are located in inaccessible locations or in areas unsafe for personnel shall be inspected and repaired at least annually and during shutdown, and such components shall be identified in the operator management plan. [District Rule 4403, 5.2.4], [Federally Enforceable Through Title V]
10. Each pressure relief valve shall be inspected for leaks within one (1) working day after venting to atmosphere. [District Rule 4403, 5.2.6], [Federally Enforceable Through Title V]
11. Any leaking component shall be identified by the operator affixing a weatherproof, readily visible tag bearing the date on which the leak is detected. The tag shall remain in place until repair and re-inspection document compliance with the requirements of this permit. [District Rule 4403, 5.2.7], [Federally Enforceable Through Title V]
12. Any leak detected on the basis of sight, smell, or sound shall be identified by the operator affixing a weatherproof readily visible tag bearing the date on which the leak is detected. The tag shall remain in place until repair and reinspection document compliance, whether or not operator inspection is otherwise required by this permit. [District Rule 4403, 5.2.8], [Federally Enforceable Through Title V]
13. Any leaking component and any leak shall be repaired to a leak-free condition and reinspected within 15 calendar days. [District Rule 4403, 5.2.9], [Federally Enforceable Through Title V]
14. The number of leaks of a component type shall not exceed one component or two (2) percent of the total number of components of that type that were inspected and that are subject to the requirements for this permit unit, whichever is greater. For inspections conducted by District personnel to determine compliance with this requirement, the number of components inspected shall constitute a statistically representative sample for each component type. [District Rule 4403, 5.2.10], [Federally Enforceable Through Title V]
15. Any component leak shall be repaired to a leak-free condition within fifteen (15) calendar days of detection. The APCO may grant a ten (10) calendar day extension provided the operator demonstrates that necessary and sufficient actions are being taken to correct the leak within this time period. [District Rule 4403, 5.3.1], [Federally Enforceable Through Title V]

16. If the leaking component is an essential part of a critical process identified in the operator management plan and which cannot be immediately shut down for repairs, the operator shall minimize the leak within 15 calendar days. If the leak which has been minimized still exceeds the limit in this permit, the essential component shall be repaired to eliminate the leak during the next process unit turnaround, but in no case later than one year from the date of the original leak detection. [District Rule 4403, 5.3.1.1], [Federally Enforceable Through Title V]

17. Any component leak identified by a Notice to Repair issued by the District shall be repaired and re-inspected as specified in District Rule 4403, 5.2.7, 5 .2.8 and 5.2.9 (as amended February 16, 1995). [District Rule 4403, 5.3.2], [Federally Enforceable Through Title V]

18. Each operator shall maintain an inspection log containing, at a minimum, the following: name, location, type of components, and description of any unit where leaking components are found; date of leak detection, emission level (ppm) of leak, and method of detection; date and emission level of recheck after leak is repaired; total number of components inspected, and total number and percen tage of leaking components found; Identification and location of essential parts of critical process units found leaking that cannot be repaired until the next process unit turnaround; and method used to minimize the leak from essential parts of critical process units which cannot be repaired until the next process unit turnaround. [District Rule 4403, 6.2.1], [Federally Enforceable Through Title V]

19. Copies of the inspection log shall be retained by the operator for a minimum of five years after the date of an entry and shall be made available upon request to District personnel. [District Rules 2520, 9.5 and 4403, 6.2.3], [Federally Enforceable Through Title V]

20. Leak detection shall be performed in accordance with EPA Method 21. [District Rule 4403, 6.3.4], [Federally Enforceable Through Title V]

21. Operator shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]

22. A new or modified operator mangement plan shall be submitted to the APCO with any application for Authority to Construct for modification of this permit unit. [District Rule 4403, 6.1.2], [Federally Enforceable Through Title V]

23. Compliance with permit conditions in the Title V permit shall be deemed compliance with SJVUAPCD Rule 4403 (amended February 16, 1995), formerly District Rule 465.3. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

24. The requirements of District Rule 4623 (as amended December 17, 1992) do not apply to the permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

25. The requirements of 40 CFR 60, Subpart KKK, do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-40-52-1 **EXPIRATION DATE:** 08/31/2003

EQUIPMENT DECRIPTION:
22,500 GALLON SPHERICAL METHANOL STORAGE TANK WITH EMERGENCY RELIEF VENT AND DRYBREAK EQUIPPED LOADING HOSES

PERMIT UNIT REQUIREMENTS

1. If tank has a storage capacity greater than or equal to 75 m3, storage vessel shall be equipped with a closed vent system designed to collect all VOC vapors and gases discharged from the storage vessel and operated with no detectable emissions as indicated by an instrument reading of less than 500 ppm above background and visual inspections. [40 CFR 60.112b]

2. All piping, fittings, and valves shall be inspected annually by the facility operator to ensure compliance with the provisions of this permit. However, if two (2) percent or more of the components of any type subject to the requirements of this permit are found to leak during an annual inspection, the inspection frequency for that component type shall be changed from annual to quarterly. If less than two percent of the components of that type are subsequently found to be leaking during five consecutive inspections, the inspection frequency may be changed from quarterly to annual. Components located in inaccessible (over 15 feet above ground when access is required from the ground or over 6 feet away from a platform when access is required from the platform) locations shall be inspected at least annually and components located in unsafe areas shall be inspected and repaired at the next process unit turnaround (the scheduled shutdown of a unit for maintenance and repair work). [District Rule 2520, 9.4.2]

3. Operator shall determine the presence of VOC leaks by EPA Method 21. The instrument shall be calibrated before use each day of its use by the procedures specified in Method 21 using the following calibration gases; 1) zero air (less than 10 ppm of hydrocarbon in air); and 2) a mixture of methane or n-hexane and air at a concentration of about, but less than, 10,000 ppm methane or n-hexane [40 CFR 60.112b(a)(3)(i)]

4. A facility operator, upon detection of a leaking component, shall affix to that component a weatherproof readily visible tag bearing the date on which the leak is detected. The tag shall remain in place until the leaking component is repaired, reinspected, and found to be in compliance with the requirements of District Rule 4403. [District Rule 4403, 5.1.4]

5. An operator shall reinspect a component for leaks within thirty working days after the date on which the component is repaired. [District Rule 2520, 9.4.2]

6. Emissions from components which have been tagged by the facility operator for repair within 15 calendar days or which have been repaired and are awaiting reinspection shall not be in violation of this permit. [District Rule 2520, 9.4.2]

7. Any component leak shall be repaired to a leak-free condition or vented to a flare satisfying the requirements of 40 CFR 60.18 or to a vapor control device that is at least 95 percent efficient as measured by EPA Method 25 within fifteen (15) calendar days of detection. The APCO may grant a ten (10) calendar day extension provided the operator demonstrates that necessary and sufficient actions are being taken to correct the leak within this time period. Any vapor control device, other than a flare, used to comply with this condition0 shall demonstrate at least 95% control efficiency as measured by EPA Method 25 at least annually. [40 CFR 60.112b(a)(3)(ii), District Rule 2520, 9.4.2]

8. If the leaking component is an essential part of a critical process unit which cannot be immediately shut down for repairs, the operator shall 1) Minimize the leak within 15 calendar days; and 2) If the leak which has been minimized still exceeds the concentration allowed by this permit, the essential component shall be repaired to eliminate the leak during the next process unit turnaround, but in no case later than one year from the date of the original leak detection. A critical process unit is any process unit which would result in the automatic shutdown of other process units if it were shut down. [District Rule 2520, 9.4.2]

9. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date of leak detection, and method of detection; 3) Date and emission level of recheck after leak is repaired; 4) Identification and location of essential parts of critical process units found leaking that cannot be repaired until the next process unit turnaround; and 5) Method used to minimize the leak from essential parts of critical process units which cannot be repaired until the next process unit turnaround. [District Rule 2520, 9.4.2]

10. If unit has a storage capacity greater than or equal to 75 m3, storage vessel shall be equipped with a control device designed and operated to reduce inlet VOC emissions by 95% or greater. [40 CFR 60.112b]

11. Operator shall maintain a record showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. The record shall be maintained for the life of the vessel. [40 CFR 60.116b(b)]

12. If the control device used for this tank is a flare, operator shall record all periods of operation during which the flare pilot flame is absent. [40 CFR 60, 60.115b]

13. If the unit is an emergency standby tank, operator shall record the date(s) liquid is first introduced into the tank and date(s) tank is fully drained. Each use of the emergency standby tank shall not exceed 30 days, and prior to being returned to emergency standby status, the tank shall be thoroughly drained. After a tank has been filled or partially filled and draining of the tank has begun, any further filling of the tank shall constitute as separate use of the tank. [District Rule 4623, 4.2.1 and 6.1.2]

14. If the unit is a tank with a capacity of 84,000 gallons or less of a small producer with a daily throughput of less than 6,300 gallons per day, operator shall maintain records of average daily throughput and submit to the APCO 30 days prior to permit renewal. [District Rule 4623, 6.1.3]

15. The operator of a fixed roof tank shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2]

16. If the control device used for this tank is a flare, operator shall submit semiannual reports to the APCO of all periods recorded in which the pilot flame was absent. [40 CFR 60, 60.115b]

17. Maximum true vapor pressure, for crude oil or refined petroleum products, may be determined from nomographs contained in API Bulletin 2517, by using the typical Reid vapor pressure and the maximum expected storage temperature of the stored product, unless the APCO specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s). [40 CFR 60, 60.116b(e)]

18. The efficiency of any VOC destruction device shall be measured by EPA Method 25, 25a, or 25b, and analysis of halogenated exempt compounds shall be analyzed by ARB Method 422. [District Rule 4623, 6.2.5]

19. Upon initial startup, the operator shall submit to the APCO an operating plan as described in 40 CFR 60.113b(c) and shall operate the closed vent system and monitor the parameters of the system in accordance with the approved operating plan. The operating plan shall be retained for the life of the control equipment. [40 CFR 60.113b(c)]

20. Amount of methanol loaded into tank shall not exceed 5,000 gallons/day and 5,000 gallons/year. [District NSR Rule], [Federally Enforceable Through Title V]

21. Equipment shall be maintained gas tight and liquid leak free as defined in Rule 4403. [District Rule 4403], [Federally Enforceable Through Title V]

22. Fugitive emission components shall be monitored and maintained pursuant to Rule 4403. [District Rule 4403], [Federally Enforceable Through Title V]

23. Permittee shall keep daily records of amount of methanol loaded into tank, and accurate records of Reid vapor pressure and storage temperature. Records shall be kept on site for a period of at least two years and shall be made available for District inspection upon request. [District NSR Rule and District Rule 4623], [Federally Enforceable Through Title V]

24. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a gas-tight cover which shall be closed at all times except during gauging or sampling. [District Rule 4623, 5.3.2], [Federally Enforceable Through Title V]

25. All piping, valves and fittings shall be constructed and maintained in a gas-tight condition. [District Rule 4623, 5.3.3], [Federally Enforceable Through Title V]